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**Human remains from the Roman cemetery at
Pepper Hill, Southfleet, Kent**

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1 INTRODUCTION

The cemetery at Pepper Hill was used throughout the Roman period from the mid-1st century BC to the 3rd and possibly as late as the 4th centuries AD, with a peak period of use in the latter half of the 1st century AD. Burial at Pepper Hill spans the period in which the Roman small town of Springhead was in existence, and may reasonably be seen as the main burial ground of the town. The cemetery contained both inhumation and cremation burials, rites which were practised concurrently for much of the life of the cemetery. In total, 168 cremation graves or cremation-related features and 349 inhumation graves were uncovered. The excavation of the entire cemetery allowed a rare opportunity to analyse a complete cemetery assemblage, thereby providing important insights into the palaeodemography of this major sector of the Roman population of Springhead.

The rich variety of burial practices evident in the cemetery included urned and unurned cremation burials, *busta* and coffined and uncoffined inhumation burials. The majority were unaccompanied burials. Evidence for pyre sites, redeposited pyre debris within the cemetery precinct suggest that the act of cremation took place, at least at certain periods, on site rather than elsewhere. The above burial rites will be discussed in the context of other contemporary burial sites in Roman Britain and on the Continent.

2 METHODOLOGY

The general methodology followed that set out in ‘Specialist Study Package 6’ of the *CTRL Section 1 Project Design* (RLE 2003), which is in accordance with standards set out by McKinley and Roberts (1993). Adults were aged by a combination of methods, including ageing from the pubic symphysis (Brooks and Suchey 1990), auricular surface (Lovejoy *et al* 1985), dental attrition (Miles 1962), and cranial suture closure (Meindl and Lovejoy 1985). Immature individuals were aged by dental development (Moorrees *et al* 1963a and b) and by epiphyseal fusion (Bass 1995; Schwarz 1995; Scheuer and Black 2000). Age categories used are listed in Table 1.

Table 1: Age categories used in the osteological analysis

Age category	Age
Neonate	0-6 months
Infant	7 months-5 years
Juvenile	5-12 years
Subadult	13-18 years
Immature (unable to age with certainty)	5-18 years
Young Adult	19-25 years
Mature Adult	26-45 years

Age category	Age
Older Adult	> 45 years
Adult	> 18 years
Unknown	

Sex was ascertained from the sexually dimorphic features of the skeleton (Workshop 1980; Buikstra and Ubelaker 1994). Pathological lesions were discussed in reference to osteological and palaeopathological texts, such as Ortner and Putschar (1981) and Aufderheide and Rodríguez-Martin 1998).

The cremated bone was analysed in accordance with the standard procedures used for the examination of cremated bone set out by McKinley (1994a, 5-6). Cremation deposit types were defined using the criteria set out by McKinley (2000d) and are summarised in Table 2 below. Some of the sub-contexts allocated during the excavation phase were merged during analysis, where they clearly represented parts of the same stratigraphic deposit. Where the equivalence of deposits was uncertain, contexts identified in the field were analysed separately. Because of the disturbed character of many of the deposits this was frequently the case, resulting in a larger number of deposits than identified graves. A further stage of deposit merging was carried out in the course of detailed stratigraphic and artefact distribution analysis, resulting in combined total quantities per grave, as presented the integrated grave catalogue (Biddulph 2006). Numbers of graves (as opposed to recorded bone deposits) have been introduced into this report where appropriate, following Biddulph 2006.

Table 2: Definitions of deposit types

Deposit type	Definition
<i>Bustum</i>	Pyre site which also functioned as a grave. The pyre burnt down into the under-pyre pit and the human remains are buried <i>in situ</i> . Where no secondary manipulation has occurred, the cremated remains are expected to lie in the correct anatomical position on a bed of charcoal. The effects of the burning has been observed to penetrate the soil by 2-5 cm. The average weight of bone retrieved from cremated adult is between 1600-2000 g but may be as little as 1000 g.
Urned burial	Deposit of cremated bone within a container. May be surrounded by, on top of or overlain by a deposit of redeposited pyre debris.
Unurned burial	Concentrated deposit of bone, which may have been in an organic container, which may also include a secondary deposit of pyre debris within the backfill.
Unurned burial or redeposited pyre debris	An apparently mixed deposit of cremated human bone and charcoal which may represent the remains of one or more cremated individuals.
Pyre site	Large quantity of charcoal with relatively small amount of burnt bone fragments situated on the ground surface or in under-pyre pits. The pits may also be T or L-shaped to aid draught and are shallow (0.10-0.20 m deep). The soil beneath the pyre should show

Deposit type	Definition
	evidence of burning that may penetrate the soil by 2-5 cm.
Redeposited pyre debris	A mixture of fuel ash, fragments of cremated bone and pyre goods, and possibly burnt flint, burnt stone, burnt clay, fuel, ash and slag depending on the local environment. May contain a relatively large quantity of bone since a small deposit of bone may have been collected for burial. The deposit may be present in the backfill of the burial, over the cremation burial, within pre-existing features, uncontained in spreads and in deliberately excavated features.
Redeposited cremated remains	Small amounts of cremated bone situated or recovered from features, such as pits and ditches, and in the backfill of intercutting cremation burials.
Cremation-related deposit	Unknown deposit type including cremated human bone.

3 RESULTS: THE CREMATION BURIALS

3.1 The cremated bone

Disturbance and bone condition

Graves were densely packed within a relatively small area, bounded by enclosure ditches and a road leading from Springhead. This resulted in considerable intercutting of features, and the disturbance of human remains. The area most affected was the western corner. Ploughing in the past had also disturbed a number of more superficial burials, truncating many cremation deposits. It is highly probable that many burials were destroyed altogether. Nevertheless, this did not necessarily affect the integrity of a large number of burnt and unburnt skeletal remains.

Features had also been badly disturbed by illicit metal detecting, which had scattered burnt bone from their original contexts. The level of disturbance is summarised in Table 3. Overall, 63.5% of all deposits were badly disturbed, 13.1% were slightly disturbed, and 23.4% of all deposits were undisturbed.

The high level of disturbance to cremation-related deposits, unurned burials and redeposited pyre debris (Table 3) was the primary reason for the uncertain nature of these deposit types. Nearly 75% of the redeposited cremated remains were either disturbed or badly disturbed (Table 3) and the condition of the bone in 76.8% of these deposits was classified as below average to poor (Table 4). The poor quality of the bone and the high incidence of disturbance within this category are due to the nature of these types of deposits. The bone was generally situated within backfills of cremation and inhumation graves and various soil layers. Approximately 35% of the urned and unurned burials and just over 50% of the *busta* deposits

were undisturbed or only slightly disturbed (Table 3). The lowest level of disturbance was within the redeposited pyre debris, where 46.6% were undisturbed. The location of these deposits at the base of cremation graves and a pit (10613), was probably responsible for the integrity of deposits.

Table 3: Level of disturbance within each context (n = 516)

	Badly disturbed /truncated	Disturbed	Slightly disturbed	Undisturbed	Total
<i>Bustum</i>	18.2% 4/22	27.3% 6/22	13.6% 3/22	40.9% 9/22	100% 22
Urned cremation burial	34.5% 30/87	29.9% 26/87	21.8% 19/87	13.8% 12/87	100% 87
Unurned cremation burial	30.5% 17/56	33.9% 19/56	17.8% 10/56	17.8% 10/56	100% 56
Unurned burial or redeposited pyre debris	27.3% 3/11	63.6% 7/11	9.1% 1/11	0% 0/11	100% 11
Pyre site	25% 7/28	39.3% 11/28	21.4% 6/28	14.3% 4/28	100% 28
Redeposited pyre debris	17.8% 8/45	26.7% 12/45	8.9% 4/45	46.6% 21/45	100% 45
Redeposited cremated remains	15.2% 23/151	61.6% 93/151	11.9% 18/151	11.3% 17/151	100% 151
Cremation-related deposit	70.3% 26/37	24.3% 9/37	0% 0/37	5.4% 2/37	100% 37
Inhumation burial	11.39% 9/79	22.79% 18/79	7.59% 6/79	58.23% 46/79	100% 79

The condition of 62.8% of the assemblage was below average to very poor (Table 4). The cremated bone from many of the deposits was slightly eroded and chalky in appearance and, on average, very little trabecular bone was recovered. This is indicative of the acidic burial environment (Henderson 1987). Larger amounts of spongy bone from the axial part of the skeleton were found within pyre sites and redeposited pyre debris (c 15% as opposed to the overall assemblage average of 9.5%). This is probably due to the presence of charcoal, which increased the organic contents of the deposits, thereby lowering the acidic nature of the soil, and making the conditions more favourable for bone preservation. The few graves situated in the middle of the cemetery that did contain bone were all located within the area of the *busta* and pyre-sites.

Table 4: Bone condition (n = 516)

	Bone condition					
	Good	Average	Below average	Poor	Very poor	Total
Bustum	9.1% 2/22	40.9% 9/22	36.4% 8/22	13.6% 3/22	0% 0/22	100% 22
Urned burial	14.9% 13/87	54% 47/87	28.8% 25/87	2.3% 2/87	0% 0/87	100% 87
Unurned burial	7.1% 4/56	57.2% 32/56	32.1% 18/56	3.6% 2/56	0% 0/56	100% 56
Unurned burial or redeposited pyre debris	0% 0/11	54.5% 6/11	27.3% 3/11	18.2% 2/11	0% 0/11	100% 11
Pyre site	0% 0/28	39.3% 11/28	53.6% 15/28	7.1% 2/28	0% 0/28	100% 28
Redeposited pyre debris	0% 0/45	42.2% 19/45	42.2% 19/45	15.6% 7/45	0% 0/45	100% 45
Redeposited cremated remains	0% 0/151	23.2% 35/151	66.8% 101/151	9.3% 14/151	0.7% 1/151	100% 151
Cremation-related deposit	0% 0/37	35.1% 13/37	59.5% 22/37	5.4% 2/37	0% 0/37	100% 37

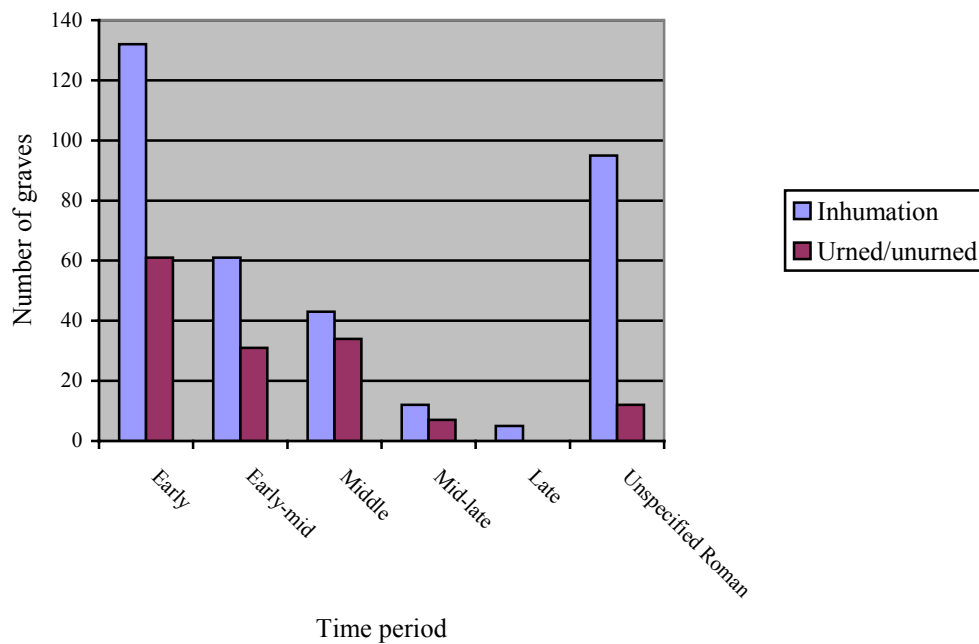
Phasing of cremation burials

It was possible to date 133 of the cremation burials to the early, early-mid, mid or mid-late Roman phases (Table 5, Figure 1). Twelve further burials could only be dated very broadly to the Roman period. The majority (44%) was dated to the early Roman period. The rite showed a general temporal decline from the 2nd century AD, constituting only 8 burials (3.8%) in the mid-late Roman period. No cremation burial dated later than 260 AD, in contrast with inhumation burials, which persisted in small numbers beyond the later 3rd century AD. There is no evidence to suggest that one rite replaced the other; rather, the two occurred *concurrently*. The pattern of both inhumation and cremation burial mimicked the rapid development of the small town/religious centre of Springhead following the invasion of 43 AD, and its decline from the 3rd century AD.

Table 5: Phasing of all cremation related deposits (n =211)

Phase	Bustum	Cenotaph	Cremation related deposit	Pyre site	Unurned cremation burials	Urned cremation burials	Total deposits
Early Roman	6	11	2	13	32	29	93
Early-mid Roman	0	6	5	0	12	19	42
Middle Roman	0	0	2	0	11	23	36
Mid-late Roman	0	1	0	0	2	5	8
Late Roman	0	0	0	0	0	0	0
Unspecified Roman	1	8	8	3	11	1	32
Total	7	26	17	16	68	77	211

Figure 1: Phasing of cremation and inhumation burials (n = 493)



Six of the *busta* were stratigraphically and artefactually dated to the early Roman period (prior to AD 130). The seventh *bustum* could not be closely dated within the Roman period. The *busta* appeared to be a short-lived phenomenon, closely following the Claudian invasion, and lasting no more than three generations. Similarly, all datable pyre sites come from this early period.

3.2 Demographic data

Minimum number of individuals

Four hundred and thirty-seven deposits of cremated bone were recovered from 328 features (Table 6). These deposits represent the remains of a minimum of 339 individuals.

Table 6: Range and number of cremation deposits (n = 437) and features (n = 328)

Deposit type	Number of deposits	Number of features
<i>Bustum</i>	22	7
Urned burial	87	80
Unurned burial	56	55
Unurned burial or redeposited pyre debris	11	10
Pyre site	28	16
Redeposited pyre debris	45	27
Redeposited cremated remains	151	114
Cremation-related deposit	37	19
Total	437	328

Age distribution

A total of 148 individuals could be aged (43.7 %), although in many cases age categories were very broad. The assemblage appeared to represent a cross-section of the population, with males, females and children all present. The cremation assemblage consisted of 25 immature individuals (16.9 %) and 123 adults (83.1%) (Tables 7 and 8). By adding the possible burials (unurned burial or redeposited cremated remains), the number of aged individuals increased to 152, of whom 26 (17.1%) were immature and 126 (82.9%) were adults.

Other Romano-British cremation cemeteries have similar or slightly lower proportions of immature individuals compared with Pepper Hill (Table 7). The adult age ranges are broadly comparable. For example, at Cirencester, Gloucestershire, immature individuals accounted for 12.8% of the assemblage, and 11% at Welwyn, Herts. (Wells 1981). From Area 15 Baldock, Herts., 12.3% were immature and 70.3% were adult (McKinley 1991). At Westhampnett, West Sussex, 10-12 % were immature and 81% were adult (McKinley 1997), whilst 11% were immature and *c* 84% were adult from the Eastern Cemetery, London (McKinley 2000a, 265). The cemetery of St Stephen's, St Albans, Herts., contained more immature individuals than Pepper Hill (21% *versus* 15.7%) (McKinley 1992). A similarly high prevalence of 23% of immature individuals has also been recorded at Brougham, Cumbria (McKinley 2004, 289). St Stephen's, St Albans (*ibid.*), and Skeleton Green, Puckeridge (Wells 1981), were the only assemblages to contain neonatal remains (two in the former and one in the latter).

In pre-modern societies (whose palaeodemography is thought to approximate societies in antiquity), perinatal and neonatal mortality is normally high estimated at 40-50% of births (Chamberlain 1994, 20-21; Buckberry 2000, 1). However, recently these figures have been criticised for being unrealistically high (ibid.). Child mortality remains high up to approximately five years of age, and then decreases steadily, with those between 10-15 years having the lowest mortality of all age classes (ibid.). Thus, the dearth of immature individuals, particularly neonatal remains from Romano-British burial assemblages, cannot be seen as palaeodemographically representative of the living population. Grauer (cited in Buckberry 2000, 1) suggests that a stable archaeological burial population containing fewer than 30% immature individuals is generally regarded as being affected by recovery or preservational bias. However, these studies were undertaken on unburnt human remains, and may not be representative of cremated assemblages.

In the Pepper Hill assemblage, these biases appeared to have been significant. The less compact and smaller bones of immature skeletons tend to be less well preserved. It is highly probable that the adverse soil conditions that affected cremated adult bone would have destroyed most infant bone. Intercutting of graves or pits may also have caused the loss of smaller unurned burials, particularly if the features were shallow. Cremation deposits usually include a proportion of the bone from the funeral pyre and seldom the whole skeleton (McKinley 2000d, 42) and hence, cremated remains of neonates may be very small.

Table 7: Comparisons in age and sex distribution of nine Roman cremation assemblages in England

Site	Total assemblage	Adult	% adult male	% adult female	Male/female ratio	% immature (including neonates)	% infant/neonate	Author
Pepper Hill, Kent	148	123 (83.1%)	34 (13.3%)	25 (26.7%)	1: 0.74	25 (16.89%)	0	
Cirencester, Glos.						12.8%	0	Wells 1981
Welwyn, Herts						11%	0	Wells 1981
Area 15 Baldock, Herts	486	342 (70.3%)				60 (12.3 %)	0	McKinley 1991
Eastern Cemetery, London	92	77 (84%)	17/ 56 (17%)	39/ 56 (35%)	1: 2.3	10 (11%)	0	McKinley 2000a
St Stephen's, St Albans, Herts.	297		61 (20.4%)	110 (37.1%)	1: 1.81	62 (21%)	2 (0.67%)	McKinley 1992
Brougham, Cumbria	207	166 (? 80%)	22 (10.6%)	32 (15.5%)	1: 1.45	? 48 (?23%)	0	McKinley 2004

Site	Total assemblage	Adult	% adult male	% adult female	Male/female ratio	% immature (including neonates)	% infant/neonate	Author
Skeleton Green, Puckeridge, Herts	48	40 (83.3%)	19 (39.6%)	18 (37.5%)	1: 0.95	8 (16.67%)	1 (2.08%)	Wells 1981
Westhampnett, West Sussex	32	25 (81 %)	4 (12.5%)	8 (25%)	1: 2	4 (10-12%)	0	McKinley 1997

In addition, the remains are easily dispersed by site disturbance, both modern and in antiquity. An infant may well have been placed on the pyre for cremation, but as a consequence of the small size and friability of the young bone, the remains may have been overlooked amongst the pyre debris during the collection phase, and hence, may not have been included in the deposit. In a multiple burial of an adult and infant, it is very likely that the infant bones were thus inadvertently omitted (McKinley 2000a, 266), and are consequently missing from the archaeological record.

The most significant reason for the absence of neonatal remains, however, is probably the Roman ideology surrounding the nature and social importance of the very young of their society. The absence of neonates and young infants is a common feature in both unburnt and cremated bone assemblages in the earlier Roman period, before Christianity became widespread across the Empire (Philpott 1991, 97-102; Taylor 2001, 111). Although there are no written records of attitudes to the death of infants within the Roman province of Britannia, Roman writers such as Pliny and Plutarch do offer valuable insights into Roman beliefs that directly related to burial practices of the very young (*ibid.*; Barber and Bowsher 2000, 312). It was believed that until a child could walk, talk and had teeth (*ie.* approximately from 18 months old), he or she was not considered to be a separate individual with its own identity, personality and soul. Without a soul there was no need to enact burial rituals to placate the dead and appease the gods. Instead, infant inhumation burials were often made within settlements, a locale forbidden for the burial of adults. In Roman Britain, this practice is well attested on numerous settlement sites, with neonatal remains frequently found within pits, postholes and ditch fills. In Britain, 80% of such infants that could be aged were found to be below six months old (*ibid.*, 312) - considerably younger than the age of 18 months cited by the Roman writers above. The age difference at which an infant was perceived to be a social being was evidently earlier in Roman Britain than in Rome, possibly a legacy of earlier indigenous Iron Age ideologies about childhood. It would appear that in the main, that Romano-British society did not believe that neonates required the same inhumation or cremation burial rites accorded to older individuals. Rare exceptions of the latter include two

found at St Stephen's, St Albans, Herts. (McKinley 1992) and one found at Skeleton Green, Puckeridge, Herts. (Wells 1981). Nor could neonates have been regarded as polluting and spiritually dangerous as older children and adults, and hence could be safely buried amongst the living. At Springhead, the 1994 excavation of the SEEBoard pipe trench within the eastern portion of the scheduled area of the town revealed the remains of 12 such neonatal inhumation burials in a variety of settlement contexts (Boyle and Early 1998).

Table 8: Age and sex distribution within the total cremation assemblage (n = 148)

age category	Unsexed	Female				Male				Total
		certain	?	??	total	certain	?	??	total	
<i>Infant</i>	4	-	-	-	-	-	-	-	-	4
<i>Juvenile</i>	13	-	-	-	-	-	-	-	-	13
<i>Subadult</i>	4	-	-	-	-	-	-	-	-	4
<i>Immature</i>	2	-	-	-	-	-	-	-	-	2
<i>Adult</i>	62	3	3	10	16	2	5	11	18	96
<i>young adult</i>	1	0	1	0	1	0	0	0	0	2
<i>mature adult</i>	0	2	2	4	8	3	2	4	9	17
<i>older adult</i>	1	0	0	0	0	1	5	1	7	8
<i>Unknown</i>	2	0	0	0	0	0	0	0	0	2
Total	89	5	6	14	25	6	12	16	34	148

Although the frequency of cremation burials at Pepper Hill declined over time, there was no great difference in the proportion of immature individuals to adults within each phase. However, no infants date to the mid-late Roman phase; nor do they appear in inhumation graves in the cemetery in this period (although undoubtedly taphonomy played a prominent role here). This is unexpected given that by this period Christianity had become the official religion of the empire. In Christian theology, newborns are believed to possess a soul, and hence, are accorded the same burial rites as the rest of the population. Hence, they are found in far greater numbers in later Roman cemeteries than in the earlier phases. However, at Pepper Hill the size of the cremation and inhumation burial populations dating to this last phase were too small to draw any useful conclusions.

Of the Pepper Hill adults, 20% (or 19% including the possible burials) were classified as young adults (2/125; 1.6%), 17 as mature (n = 17/125; 13.6%) and eight as older adults (8/125; 6.4%, or 6.3% including possible burials). Very few adults died in their twenties and early thirties. The mature adult category (aged 26-45 years) was by far the largest. Thereafter, fewer individuals appeared to survive, although this may reflect the limitations of osteological ageing methodology rather than the true mortality pattern. The above trend is broadly reflected in other contemporaneous sites. At the Eastern Cemetery of Roman London, the largest group was the older mature adult category (13-24%), whilst only 3% of the population fell into the older adult (45+ years) category (McKinley 2000a, 266). The older adult

population from Area 15 Baldock, and St Stephen's, St Albans, formed a higher component of the population at 16% (McKinley 2000a, 266). This percentage at Pepper Hill was slightly lower (6.4%), but markedly greater than the 2% found at Brougham (McKinley 2004, 289).

At Pepper Hill, the proportion of older adults remained more or less the same (*c* 5%) in the early and early-mid Roman period, rising to 12.9% in the mid Roman period. This suggests greater longevity and better overall health of the Springhead population in the 2nd and 3rd centuries AD. This pattern is reflected in the cremation assemblage from at the Eastern Cemetery, London, where there was a dramatic rise in the proportions of older individuals in Periods 2 and 3 (197- 325 AD), from 4.1% in the earliest period to 41.1% in Period 2 and 38.7% in Period 3; by Period 4 (325-410 AD) this proportion had declined to 16% (McKinley 2000a, 267). Alternatively, this pattern may reflect different ideological choices between burial rites. Perhaps the older generation was more inclined to be cremated than inhumed. The 2nd century AD saw the re-introduction of the practice of inhumation across the empire. This practice gained further impetus from the growing influence of Christianity, which followed the Judaic tradition of inhumation rather than cremation burial (Taylor 2001, 109). At Pepper Hill, the proportion of older individuals being cremation rose in the mid-late Roman period (six of eight individuals), arguing a conservatism in burial practice during the transition period to the more widespread inhumation tradition of the later Roman period.

Sex distribution

Of the 123 adults from the cemetery, 59 (47.9%) could be sexed. Of these 25 (42.4%) were possibly female (including all degrees of certainty), and 34 (57.6%) were possibly male (including all degrees of certainty). When the one possible burial that could be sexed as male is included, a proportion of 28% male adults to 20% female were present in the total assemblage of 123 individuals - a ratio of 1: 0.74 (Table 9).

Osteological sexing of cremated remains appears to have a general tendency towards a female bias in most assemblages (McKinley 1994a, 68-69; 2004, 291). This bias was not observed in the Pepper Hill assemblage. A slight preponderance of males over females is a normal demographic aspect of human populations, but at Pepper Hill the higher proportion of males in all time periods (bar the late Roman period) exceeded this general tendency. In the inhumation assemblage where only 11 adults could be sexed, the distribution was six females to five males. Although this is a very small number on which to base conclusive statements, there does not appear to a sexual differentiation between those that were cremated and those that were inhumed.

Table 9: Age and sex distribution over time (n = 137)

Early Roman (n =68)									
	unsexed	females				males			
Age category		certain	?	??	total	certain	?	??	total
<i>Juvenile</i>	8	-	-	-	-	-	-	-	-
<i>Subadult</i>	3	-	-	-	-	-	-	-	-
<i>Adult</i>	23	1	2	5	8	1	3	7	11
<i>Young adult</i>	0	0	1	0	1	0	0	0	0
<i>Mature adult</i>	0	1	1	3	5	2	1	3	6
<i>older adult</i>	1	0	0	0	0	0	2	0	2
<i>Unknown</i>	0	0	0	0	0	0	0	0	0
Total	35	2	4	8	14	3	6	9	19
Early-mid Roman (n = 25)									
	unsexed	females				males			
age category		certain	?	??	total	certain	?	??	total
<i>Infant</i>	1	-	-	-	-	-	-	-	-
<i>Juvenile</i>	2	-	-	-	-	-	-	-	-
<i>Subadult</i>	1	-	-	-	-	-	-	-	-
<i>Adult</i>	13	0	0	2	2	0	1	1	2
<i>mature adult</i>	0	0	0	1	1	0	0	1	1
<i>older adult</i>	0	0	0	0	0	0	1	0	1
<i>Unknown</i>	1	0	0	0	0	0	0	0	0
Total	18	0	0	3	3	0	2	2	4
Mid- Roman (n = 37)									
	unsexed	females				males			
age category		certain	?	??	total	certain	?	??	total
<i>Infant</i>	3	-	-	-	-	-	-	-	-
<i>Juvenile</i>	2	-	-	-	-	-	-	-	-
<i>Immature</i>	1	-	-	-	-	-	-	-	-
<i>Adult</i>	14	1	1	3	5	1	1	2	4
<i>mature adult</i>	0	1	1	0	2	1	1	0	2
<i>older adult</i>	0	0	0	0	0	1	2	1	4
Total	20	2	2	3	7	3	4	3	10
Mid-late Roman (n = 7)									
	unsexed	females				males			
age category		certain	?	??	total	certain	?	??	total
<i>Juvenile</i>	1	-	-	-	-	-	-	-	-
<i>Immature</i>	1	-	-	-	-	-	-	-	-
<i>Young Adult</i>	1	0	0	0	0	0	0	0	0
<i>Adult</i>	2	1	0	0	1	0	0	1	1
Total	5	1	0	0	1	0	0	1	1

3.3 Non-metric traits

Skeletal non-metric traits

Non-metric traits are minor variations of phenotypic expression, that are too minor to influence the biological success of the individual. Some non-metric traits are highly heritable and have been used to indicate genetic relationships between individuals (eg identifying family clusters within cemeteries), whilst others may be environmentally produced (Brothwell and Zakrzewski 2004, 28).

In the cremation assemblage at Pepper Hill, non-metric traits were recorded on nine adults (7.3% or 7.1% including unsure deposits). The majority dated to the early Roman period. Due to the small number of individuals with traits present, no conclusions can be drawn (Table 10).

Table 10: Non-metric traits in the cremated assemblage (n = 9)

Phase	Context number	Sex	Age	Trait present
Early	204	Male?	Mature Adult	1 ossicle at lambdoid suture
Early	268	Unknown	Adult	Left parietal foramen
Early	464	Female??	Adult	Left supra-orbital foramen
Early	496	Unknown	Adult	Left tibia, medial squatting facet
Early	571	Male?	Adult	Right double atlas facet
Early	11002	Male?	Adult	Mastoid foramen extra-sutural
Early	11020	Female??	Adult	2 ossicles, parietal foramen
Early-Mid	478	Male??	Mature Adult	Parietal foramen
Mid	305	Female??	Adult	1 ossicle at lambdoid suture

Dental anomalies

A variety of dental anomalies were present in the assemblage. One male (2.8%) had an impacted right maxillary canine. Another male (10564) displayed an enamel pearl present on a mandibular premolar root. Two males (11703 and 11758) had dental agenesis (5.9%, or 5.7% including the possible male burial). A left deciduous molar was present amongst the cremated remains of male 11703. This was the only subadult fragment present within the bone deposit and probably does not indicate a double burial of an adult and child. It is therefore likely that the deciduous molar had been retained due to agenesis of the permanent second molar. The right third mandibular molar was also congenitally absent in deposit 11758.

3.4 Pathology

Pathological lesions were observed amongst 43 individuals (29% of MNI or 27.6% when the uncertain deposits are included), including 41 adults (33.3% of adults or 32.5% including possible burials), and two immature individuals (8.7% or 7.7% including possible burials). The adults comprised 18 males (52.9% of males identified or 51.4% including the one sexed possible burial) and 10 females (40% of identified females). Twelve individuals were unsexed. Dental and skeletal lesions are summarised in Table 11 below.

Table 11: Summary of dental and skeletal pathology (n = 43)

Context number	Sex	Age	Dental disease	Skeletal pathology
64	Female??	Mature adult		Degenerative joint disease
70	Male?	Older adult	Ante-mortem tooth loss	Spinal degenerative joint disease
90	Male??	Adult		Increased cranial porosity, spinal degenerative joint disease
95	Unknown	Adult		Increased cranial porosity
106	Unknown	Older adult		Spinal degenerative joint disease, periostitis
120	Male??	Older adult		Spinal degenerative joint disease
138	Male?	Adult		Cribra orbitalia
188	Unknown	Juvenile		Cribra orbitalia
188	Unknown	Adult		Degenerative joint disease
202	Male?	Mature adult		Spinal degenerative joint disease
204	Male?	Older adult	Impaction	Spinal degenerative joint disease
278	Female??	Mature adult	Ante-mortem tooth loss	
362	Male?	Mature adult		Spinal degenerative joint disease
464	Female??	Adult		Spinal degenerative joint disease, degenerative joint disease
478	Male??	Mature adult		Spinal degenerative joint disease, increased cranial porosity
480	Female?	Adult		Increased cranial porosity
563	Unknown	Adult		Spinal degenerative joint disease, periostitis
571	Male??	Adult		Periostitis
722	Male	Mature adult		Spinal degenerative joint disease, Schmorl's nodes
801	Female?	Older adult		Spinal degenerative joint disease
1111	Female?	Adult	Ante-mortem tooth loss,	Spinal degenerative joint disease

Context number	Sex	Age	Dental disease	Skeletal pathology
			abscess	
1092	Female??	Adult		Cribriform orbitalia
10559	Female??	Mature adult		Increased cranial porosity, periostitis
10564	Male?	Adult	Calculus, enamel pearl	Osteoarthritis
10620	Unknown	Adult		Spinal degenerative joint disease, cribriform orbitalia
10882	Unknown	Adult		Periostitis
10911	Male??	Adult		Spinal degenerative joint disease
11061	Unknown	Adult		Spinal degenerative joint disease
11066	Unknown	Adult		Spinal degenerative joint disease
11093	Unknown	Adult		Periostitis
11102	Unknown	Young adult	Ante-mortem tooth loss	
11122	Unknown	Infant		Porotic hyperostosis
11220	Unknown	Adult	Ante-mortem tooth loss	
11264	Male?	Adult		Periostitis
11275	Female??	Adult		Cribriform orbitalia
11299	Male	Adult		Spinal degenerative joint disease
11311	Unknown	Adult		Cribriform orbitalia
11315	Male?	Adult		Spinal degenerative joint disease
11374	Female??	Adult		Increased cranial porosity, periostitis
11461	Unknown	Adult	Ante-mortem tooth loss	
11558	Male??	Adult		Cribriform orbitalia
11703	Male??	Adult	Agenesis	Degenerative joint disease
11758	Male?	Adult	Ante-mortem tooth loss, agenesis	Spinal degenerative joint disease

Dental pathology

Ten adults (8.1% or 7.9%, including the possible burials) had some form of dental disease. The adults comprised five males (14.7% or 14.3% including uncertain deposits), two females (8%) and three unsexed individuals (2.4%). Dental pathology, such as calculus, caries and ante-mortem tooth loss, frequently relates to the consumption of carbohydrates (particularly simple sugars) and to poor oral hygiene. Simple sugars do not appear to have formed a substantial part of the Romano-British diet, although honey, *sapa*, fructose-containing fruits (such as grapes, drupes, dates and figs) were consumed, albeit principally by the most wealthy. Most carbohydrates were ingested in the form of starch from cereals (Roberts and Cox 2003, 134).

Ante-mortem tooth loss affected seven adults (5.7% or 5.6% including possible burials). Of those who could be sexed, two (8%) were females and two were males (5.9% or 5.7% including possible burials). The total number of teeth lost was 16 and 13 of these were from the mandibular dentition. By far, the first molar was the most common tooth to have been lost and three individuals had lost a total of five first molars. The higher number of lost mandibular teeth is most likely to be due to the bone being more robust than the maxilla and therefore more likely to survive in larger, more recognisable fragments.

One small dental caries was present on a tooth from a pyre site context (11823). The lesion was situated on an unisided maxillary second molar crown. Dental caries is a destruction of the enamel caused by the production of acid from bacteria present in dental plaque (Hillson 1996, 269).

One male (2.8%) had a slight deposit of dental calculus on the surface of a single root, indicating that this individual also suffered considerable periodontal disease in the region of this tooth.

One female (4%) had a maxillary dental abscess of the right first molar. This is most commonly the sequelae to a large caries in which infection tracks down the tooth root into the dental socket (Roberts and Manchester 1995, 50).

Non-specific infection

In the majority of cases of bone infection the specific bacteria responsible for the lesions cannot be identified and is referred to as 'non-specific' infection. Bone tissue response to infection involves both resorption and proliferation. Inflammation of the periosteum, or periostitis, manifests osteologically as new bone formation on the surface of the bone. Periostitis was observed on single bone fragments from nine adults (7.3% or 7.1% including unsure deposits), comprising two males, two females and five unsexed adults.

The majority of the periosteal lesions were present on tibia fragments (6/9 lesions). This location is unsurprising considering the lack of soft tissue overlying this bone, particularly on the anterior aspect, and the greater exposure of the lower leg to traumatic insults. No associated trauma was observed, however. Severe peripheral vascular disease (common in the elderly, those with arteriosclerosis and diabetes mellitus) often result in arterial and venous ulcers of the feet and lower legs that are notoriously slow to heal, and are vulnerable to colonisation by bacteria (Manchester 1983, 37). In addition to localised infection, bacteria carried in the blood stream may also form a focus of infection in bone (*ibid*). The latter may have caused lesions observed on the femur fragments of one adult male.

Three individuals displayed new bone formation on the visceral surfaces of rib fragments (2.0%). These lesions were active at the time of death in one unsexed individual (106) and may well have played a part in his/her demise. Such lesions are indicative of

pulmonary inflammation, which commonly occurs in lung infection, particularly tuberculosis (Roberts and Manchester 1995, 139; Aufderheide and Rodríguez-Martín 1998, 137). However, similar lesions have also been observed in pneumonia, pleurisy or chronic bronchitis (Roberts *et al* 1998, 56).

Degenerative joint disease

Spinal degenerative joint disease was present on vertebral fragments from 21 adults (17.1% or 16.67% including possible burials). Porosity and/or marginal osteophyte formations were observed in 13 males (38.3% or 37.1% including unsure deposits) and 3 females (12%). Such lesions are common in modern adults over the age of 30 as a result of general wear and tear of the joint surfaces over time (Roberts and Manchester 1995, 107). One male (10564) had osteophytosis and porosity consistent with slight osteoarthritis. A Schmorl's node was observed on a lumbar fragment from one adult male individual. The indentations are pressure defects caused by the herniation of the intervertebral disc through the end plates (Rogers and Waldron 1995, 27).

Non-spinal degenerative changes to the joint surfaces were present on fragments from four adult individuals, which included one male (2.9%), two females (8%) and one unsexed adult. Two females had lesions located on the upper limbs (one involving the shoulder joint and one the elbow) and one unknown adult had a lesion in the mandibular fossa.

Metabolic disease

Increased porosity was evident on the ectocranial fragments of six adults (4.9% or 4.8% including unsure deposits) and one immature individual (4.3%, or 3.8% including unsure deposits). Of the former, two were male (5.9% or 5.7% including unsure deposits) and three were female (12%). A potential diagnosis for the porosity is porotic hyperostosis. However, the porosity was not entirely consistent with the appearance of this condition on dry bone (for example, 'hair-on-end'). It is therefore more likely to be the result of normal age related change and/or relatively mild conditions such as scalp irritation. *Cribra orbitalia* was present on the orbital roofs of six adults (4.9% or 4.8% including unsure deposits) and one immature individual (4.3% or 3.8% including unsure deposits). Of the adults, three were male (8.8% or 8.6% including unsure deposits) and two were female (8%). One female (11275), an unsexed adult (11311) and one juvenile (188) had lesions active at the time of death. *Cribra orbitalia* is widely thought to occur in response to a deficiency of iron during childhood, most commonly the result of inadequate dietary intake of iron, and/or as a result of severe intestinal parasite infestation (Stuart-Macadam 1991, 101). Iron is a central component of haemoglobin, the molecule necessary for the transportation of oxygen in the red blood cells of the blood. These cells are produced within the red bone marrow of a number of bones of the body,

which include the diplöe of the cranial vault, the sternum and the pelvis. In childhood, the diplöe are particularly important, but become a secondary site of red blood cell production later in life. In iron deficiency anaemia, the body attempts to compensate for low serum iron levels by hypertrophy of these bones. In children, this manifests osteologically as an increased porosity and thickening of the diplöe of the cranial vault (known as porotic hyperostosis) and of the orbital sockets (*Cribra orbitalia*). *Cribra orbitalia* is often used as a generic indicator of physical stress in childhood (*ibid*).

Roberts and Cox (2003, 140) report a 5.4% increase in the prevalence of porotic hyperostosis and *cribra orbitalia* from the Iron Age to the Roman period in Britain, based on unburnt skeletal remains. This increased prevalence is thought to be due to a higher intestinal parasite load, probably as a sequele of increased urbanism (Stuart-Macadam (1991, 105). Macadam also suggested that a further cause of iron deficiency anaemia in Roman Britain was lead ingestion, which may have entered the diet through the Roman propensity to cook in lead-containing pots. Lead interferes with the synthesis of haem, the iron-containing molecule in haemoglobin, thereby reducing the production of new red blood cells.

3.5 Pyre technology and ritual

Efficiency of cremation

Cremated bone may range in colour from brownish-black (slightly charred), through hues of blue and grey, to white, or fully calcined bone (McKinley 2000b, 405). In general, Romano-British cremation burials show greater colour variations than burials from other time periods (McKinley 2000c, 66). This is certainly true of the cremation bone from Pepper Hill where the majority was white (calcined), but a significant proportion ranged from light grey through to black (charred). These colour changes depend on the temperature of the firing, oxygen supply and the duration of exposure of the body to the flames (*ibid*). In modern crematoria where temperature, fuel availability and air circulation are optimised, full cremation of an adult corpse generally takes between 1-1.5 hours to complete when the temperature within the cremator is maintained between 700-1000° C (*ibid*, 404). Here the speed of full combustion is dependant on the size and body mass of each individual as well as the proportion of fatty tissue present in the body. In pyre cremations, maintenance of an optimal temperature and sufficient fuel and oxygen throughout the pyre is more problematic, often leading to less uniformity in combustion of the corpse (conspicuous in colour variation of different skeletal elements). Both the length of time that the pyre will burn and the temperature attained are largely dependent on the quantity of fuel used in construction (McKinley 2000a, 269). Efficacy of cremation is also influenced by pyre technology (such as pyre construction or the use of flues to facilitate oxygen circulation throughout the pyre).

The high proportion of calcined bone at Pepper Hill suggests that complete cremation of the corpse was of considerable significance to the mourners, and that in most cases sufficient fuel was provided for complete combustion of the body. However, colour differences were noticed in 23 (5.3%) contexts, of which 22 (14.9% or 14.1% including the unsure deposits) were burials. Relative to contemporary sites, it is apparent that the overall prevalence of burials with incompletely oxidised bone at Pepper Hill is relatively low (Table 12). Overall, cremation at Pepper Hill appears to be considerably more efficient than in the urban Eastern Cemetery of London, slightly more effective than in the rural cemetery of Westhampnett, and much the same as the rural cemetery of Skeleton Green, Puckeridge. In contrast, the cemetery associated with the military fort of Brougham showed much greater overall efficacy of cremation with only 4.5% of cremation deposits having incompletely oxidised bone.

Table 12: Prevalence of burials with incompletely oxidised bone from various Romano-British cemeteries

Site	Contexts/burials with colour variations
Pepper Hill	14.1-14.9% (all burials)
Westhampnett (McKinley 1997, 250)	22.6% (all burials)
Eastern Cemetery, London (McKinley 2000a, 269)	66% (urned burials)
Eastern Cemetery, London (McKinley 2000a, 269)	50% (unurned burials/ redeposited pyre debris)
Welwyn, Herts (Wells 1981, 291)	18.3%
Skeleton Green, Puckeridge (Wells 1981, 291)	13.3%
Brougham, Cumbria (McKinley 2004, 294)	4.5% (all burials)

Such variation in the efficacy of cremation may be explained both in social and economic terms. Insufficient or poor quality fuel is the most likely reason for incomplete cremation of the bone. In a number of Roman urban cemeteries, pyre sites within cemetery precincts indicate that cremation took place on site (McKinley 2000a, 66), and was probably undertaken by professional cremators, rather than the families of the deceased (as historical sources attest in other parts of the empire). It is probable that these professionals were not as vigilant as family members in ensuring as thorough a cremation, and by skimping on firewood ensured higher profit margins. It is also possible that with the greater anonymity of urban living the funerary spectacle aspect of a cremation was less important than in rural areas, resulting in relatives of the deceased spending less money on the cremation. A more nakedly economic reason may have been the higher cost of firewood in urban areas. Unlike rural areas where wood was managed and readily available, the transportation costs of firewood to cities, such as London, would have greatly inflated the cost of a cremation. In rural cemeteries or small town cemeteries of the south-east, the percentage of coloured bone

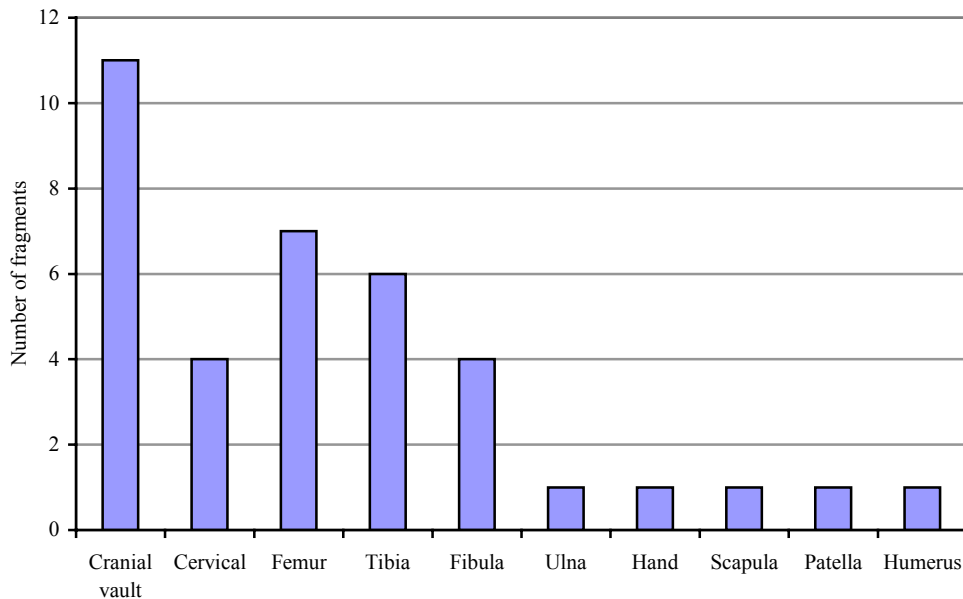
varied between 12-23% (Table 13), with Pepper Hill assemblage between 14.1-14.9%. In contrast, the northern frontier fort cemetery of Brougham, Cumbria, displayed a markedly lower average of 4.5% (McKinley 2004, 294). Jones (1996, 206) noted that many areas of Britain experienced major deforestation associated with development of settlements and intensified land use during the Roman period. Industries, such as pottery and smelting, also used up considerable reserves of wood for fuel. Although woodland management was undoubtedly practised, wood was far less available than in earlier periods, particularly in the heavily populated rural landscapes of the south-east. Indeed, with the exception of the heavy clays on the Weald, most of Kent had been intensely farmed since the late Iron Age (Lawson and Killingray 2004, 16-20). It is possible that in northern Kent wood for cremation was less readily available than in the less developed landscape of north-west England, or alternative sources of fuel, such as peat, were utilised for the pyre. However, no peat was identified in the charred plant remains examined by Campbell (2004, 269-271). It may be this factor that most underlies the differences in proportions of coloured bone between Brougham and the cemeteries of the south-east of England.

In the cremation of a single cremated individual considerable variation in bone colour may be found in different elements of the skeleton. There are several reasons for this variation. Some body parts less well covered by soft tissue (eg peripheries and skull) will calcify more readily than bone found in more fleshy parts of the body (such as the torso) (McKinley 2000a, 269). Proximity to the flames also influences the extent of burning of the bone, suggestive both of the body position of the corpse upon the pyre, and the size of the pyre (*ibid.*). For example, an arm or foot located on the periphery of a small pyre, where the heat is less intense may only char, whilst the rest of the skeleton is fully oxidised. Figure 2 displays the number of fragments of different elements exhibiting incomplete combustion in the Pepper Hill assemblage. Occasionally only the interior of the bone was coloured but fragments from 10 burials were black, indicative of charring only. Charring affected 13 different skeletal elements. A simple count of the coloured elements indicated that the most commonly affected were the cranial vault, followed by the femoral and tibial shafts (Figure 2).

The number of fragments within each deposit varied between one and 50, with an average of 11. The above pattern of colour variation is not unique to the Pepper Hill assemblage. Similar distributions have been noted in assemblages from the Eastern Cemetery, London (*ibid.*) and Westhampnett (McKinley 1997, 250). Although the most obvious explanation for this lack of cremation efficiency is insufficient firewood for the pyre, it is important to note that the above graph represents only gross fragment numbers. Since cranial vault bones are most easily recognised osteologically, and the femora and tibiae are large and also are fairly identifiable bones, the above pattern may reflect as much the size and

identifiability of different skeletal elements as much as the true patterns of differential burning during the cremation process.

Figure 2: Skeletal elements exhibiting colour variation



A difference in the proportion of coloured bone was noted between the urned burials (20.7%) and unurned burials (7.1%). Assuming that urned burials represent those of higher status than unurned burials, it is to be expected that the former group would more easily afford sufficient fuel for a comprehensive cremation, and hence, exhibit a lower percentage of coloured bone. Yet the converse was true in the Pepper Hill cemetery. Other Romano-British cremation assemblages also show this pattern. At Brougham, 12 of the 13 deposits showing colour variation were urned burials (McKinley 2004, 294), whilst at the Eastern cemetery, London (McKinley 2000a, 268-9) 66% of urned burials showed coloured bone as opposed to 50% of the unurned burials. The reason for this pattern is not immediately apparent but may relate to different emphases placed on different stages of the cremation mortuary rite. As Pearce (1998, 100) points out burial is only the final episode in a ceremony of which it need not be the most significant element. It is possible that the unurned burial group concentrated more material resources (including pyre fuel) on the cremation rather than the burial phase of the funerary rite. Classical sources suggest that the rite of cremation was perceived as a purification ritual - through burning the dead were separated from the contamination of their corpse and, strengthened and purified, were ready to be received into the realm of the

ancestors (Lindsay 1998, 70-72). It is possible that where wealth was limited, some mourners chose to concentrate resources on the cremation rather than the burial phase, whilst for others the converse was true.

No correlation was noted between the efficiency of cremation and the age and the gender of the deceased at the Eastern cemetery, London (McKinley 2000c, 62), at Skeleton Green, Puckeridge (Wells 1981) or at Brougham (McKinley 2004, 294).

At Pepper Hill, temporal changes in cremation efficacy were indicated by the prevalence of coloured bone deposits in each phase of the cemetery (Table 13 below). There was only slightly more coloured bone from the early to the mid-Roman period, arguing a minor reduction in efficiency of cremation. However, the trend reversed in the mid-late phase, where only one of the eight cremation burials (12.5%) contained coloured bone.

Table 13: Prevalence of coloured bone within burials of different phases (n = 150)

Phase	Prevalence of cremation deposits with colour variations
Early Roman	15.7% (11/70)
Early-mid Roman	8% (2/25)
Mid Roman	16.2% (6/37)
Mid-late Roman	12.5% (1/8)

Weight of bone for burial

Investigations in modern crematoria have found that the average bone weight of cremated adult individuals is approximately 1000-2400 g, with an average of 1650 g (McKinley 2000a, 269). Predictably, individuals of smaller and more gracile build (such as many females and children) will often have a lower bone weight, and poorer bone survival of the articular surfaces and spongy bone has been observed in modern older individuals with osteoporosis (McKinley 2000b, 404).

At Pepper Hill, the average weight of all cremation burials, including uncertain deposits, was 397.5 g. A minimum weight of 2g was measured when disturbed burials were included in the assemblage, giving an overall weight range for the total cremated assemblage as 2-1526 g. In all undisturbed burials (including immature individuals), the mean weight was 755.8 g, with a weight range of 70-1526 g. The average weight of undisturbed adult deposits was 775.6 g (range of 70-1526 g). Only one immature burial was undisturbed, and weighed 279 g.

When comparing the mean weight of different cremation burial practices, it was found that the largest average bone weights occurred within the *busta* (mean of 1121 g). This was expected as in *busta* that have not been manipulated, the entire burnt skeleton remained *in situ* within the burial pit. In the undisturbed burials, the lowest mean weight was found within the unurned burial group (461.8 g). The largest undisturbed deposit was from an urned burial (1526 g) and the smallest from an unurned burial (70 g). This is probably due to the physical protection afforded by the burial container. A closed vessel would also offer some barrier between the deposit and the surrounding acidic soil, thereby aiding bone preservation. Also, urned cremations were less vulnerable to dispersal by bioturbation and other taphonomic factors.

All of the larger burials of each type were adults. The largest *bustum* and urned burials were sexed as males, but the sex of the largest unurned burial was unknown. All of the smallest bone deposits were also adults but only one could be sexed (the *bustum*), which was a female (Table 14). There does not appear to be an inter-site consistency between the weight of bone in a burial and the sex of the individual. At Pepper Hill, the largest undisturbed burial deposits were male, in contrast to the Eastern Cemetery, London (McKinley 2000a, 270) and Brougham, Cumbria (McKinley 2004, 295), which were female. Thus, it does not appear that the mourners or funerary attendants were swayed by considerations of the gender of the deceased when collecting the cremated remains from the pyre site for burial.

Table 14: Weight ranges for undisturbed adult *busta*, urned and unurned burials

	<i>Busta</i>		Urned burials		Unurned burials	
	Min weight	Max weight	Min weight	Max weight	Min. weight	Max weight
Context	10501	11706	10747	722	452	103
Age	Old	Mature	Adult	Mature	Adult	Adult
Sex	Female	Male??	Unknown	Male	Unknown	Unknown
Weight	730 g	1424 g	376 g	1526 g	70 g	1136 g

Whilst the majority of cremation burials comprise only the partial remains of a complete individual, seven single urned burials (four males and five females) weighed more than 1000 g, and may therefore represent the remains of near complete individuals, possibly the entire skeleton. The largest deposit (context 722) was that of a mature male and weighed 1526 g. This represents *c* 92% (if an average complete bone deposit weighed 1650 g) of an entire individual (McKinley 2000a, 269). The second largest deposit was female and weighed 1462 g (context 45). This represents *c* 89% of an entire individual. The adverse soil conditions may well have reduced the overall weight of these burial deposits. In both of the above, all major body parts were represented: skull, upper and lower limb long bones, hand and foot bones, axial skeletal elements (eg. ribs and vertebrae), and pelvis.

When comparing the weight ranges and the average weight of the undisturbed burials it is clear that the burial deposits from Pepper Hill are within the usual ranges identified at other sites of this period (Table 15 below), although

Table 15: Comparative bone weight ranges and averages from Roman sites in England

Site	Min. weight	Max. weight	Average
Pepper Hill, undisturbed urned and unurned	70 g	1526 g	775.6 g
Eastern Cemetery, London, urned (McKinley 2000a, 270)	57.3 g	1713.1 g	845.0/ 743.3 g
Westhampnett, unurned undisturbed (McKinley 1997, 250)	302.9 g	687.1 g	531.7 g
Westhampnett, urned undisturbed (McKinley 1997, 250)	190.9 g	618.3 g	333.5 g
Area 15 Baldock, undisturbed unurned (McKinley 1997, 250)	1 g	1599.1 g	452 g
St Stephen's, urned burials (McKinley 1992)	71 g	1447.2 g	899.6 g
St Stephen's, unurned adult burials (McKinley 1992)	-	-	824 g
Skeleton Green, Puckeridge (Wells 1981, 287)	-	-	796 g
Welwyn, all cremation burials (Wells 1981, 287)	37 g	2381 g	584 g
Brougham, urned burials (McKinley 2004, 295)	14.1 g	1324.6 g	397.7 g
Brougham, unurned burials (McKinley 2004, 295)	6.3 g	484.9 g	228.7 g

Admittedly there is considerable variation between sites. Taphonomic difference between sites plays a major role in the survival of cremated bone, and hence, the weight of the surviving deposit. In addition, some reports do not specify if disturbed or immature individuals were included in the assemblage. These factors have a profound effect on the significance of the average bone weight cited on each site. Nevertheless, it is clear that early Roman burials do not reflect an attempt by mourners to collect the entire cremated remains of the deceased from the funeral pyre, and that a token (on average between a quarter and a half of the total cremated bone) sufficed for interment.

Table 16 summarises the weight data for all the Pepper Hill burials (undisturbed and disturbed) in each of the four main phases. In general, the weights (both maximum and average) of the urned remains are consistently greater than the unurned burials in all time periods. The mean weights of the urned and unurned burials do not greatly differ from the early Roman to the mid-Roman period. There was a lower mean weight of urned cremation burials in the mid-late Roman period, but the unurned burial was heavily disturbed, and hence, does not contribute meaningfully to the discussion.

Fragment size represents the measurements taken by the osteologist during analysis and does not necessarily represent fragment size at the time of deposition. Factors that affect fragmentation include both components of the cremation rites, such as the cremation,

collection and burial of the human remains, and also the much later process of archaeological excavation and post-excavation processing (McKinley 1994b, 340).

The average bone weight and the ranges within the sieve fractions, the maximum fragment size within all burials and the undisturbed burials are summarised in Table 17. The majority of bone in the undisturbed urned burials was recovered from the 10 mm sieve fraction (53.3%). This showed the least fragmentation of all burial types, whilst the greatest was found in the *busta* (29.5%). The largest fragment (95.9 mm) was from an urned burial, whilst the smallest maximum fragment size was found in a *bustum* (65.1 mm). This pattern was largely the same for disturbed deposits, although the largest fragment was from an urned burial. The weight range within the undisturbed urned burial group was also the tightest, with the greatest maximum weight for the 10 mm fraction. The weight range for the urned burials was the broadest, with the lowest identified weight within the 10 mm fraction.

Table 16: Weight of bone from all cremation related deposits

	Min Weight	Max weight	Average
Early Roman			
<i>Busta</i>	34 g	1424 g	857 g
Urned burials	2 g	1258 g	512.3 g
Unurned burials	26 g	1136 g	334.1 g
Unurned burials or redeposited pyre debris	3 g	494 g	137 g
Cremation-related deposits	1 g	374 g	136.8 g
Redeposited cremated remains	1 g	399 g	268.4 g
Pyre sites	1 g	276 g	29.6 g
Redeposited pyre debris	1 g	385 g	130.1 g
Early-mid Roman			
<i>Busta</i>	-	-	-
Urned burials	36 g	1048 g	388.76 g
Unurned burials	8 g	416 g	181.6 g
Unurned burials or redeposited pyre debris	33 g	96 g	64.5 g
Cremation-related deposits	1 g	262 g	51.5 g
Redeposited cremated remains	1 g	348 g	39 g
Pyre sites	-	450 g	-
Redeposited pyre debris	26 g	197 g	95 g
Mid-Roman			
<i>Busta</i>	-	-	-
Urned burials	8 g	1462 g	550.2 g
Unurned burials	23 g	1088 g	298.2 g
Unurned burials or redeposited pyre debris	-	-	-
Cremation-related deposits	1 g	114 g	25.1 g

	Min Weight	Max weight	Average
Redeposited cremated remains	1 g	183 g	19 g
Pyre sites	-	-	-
Redeposited pyre debris	1 g	163 g	75 g
Mid- late Roman			
<i>Busta</i>	-	448 g	-
Urned burials	54 g	725 g	380 g
Unurned burials	-	3 g	-
Unurned burials or redeposited pyre debris	-	-	-
Cremation-related deposits	-	10 g	-
Redeposited cremated remains	1 g	14 g	6.25 g
Pyre sites	-	-	-
Redeposited pyre debris	-	-	-

This indicates that a burial vessel offered greater protection to the bone, hence the greater overall fragment size. This would also have protected the bone from the soil pressure. Four unurned burials were placed within a box, and four within a casket. These would have offered some protection to the cremated bone before it decayed completely, and therefore would have reduced the extent of fragmentation of these deposits. However, the majority of unurned burials at best appear to have been contained within an organic bag or sack that would have afforded little such protection.

The *busta* had the lowest percentage weight within the 10 mm fraction (29.5%) and the smallest maximum fragment size (48.8 mm). This is probably because the bone was not protected by containment within an urn, although why this should have been greater than in the unurned burials category is unclear. Some of the material in the *busta* had also been manipulated, the raking up the bone from the funerary pyre causing further fragmentation.

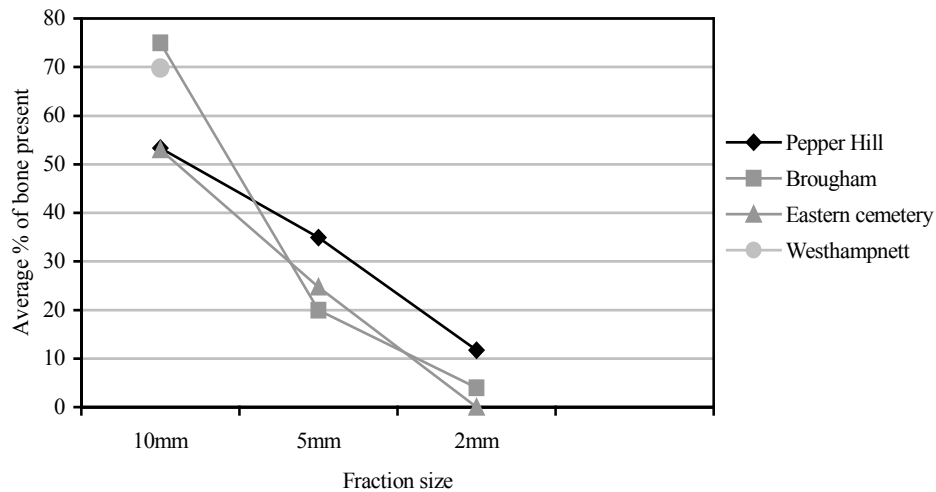
Table 17: Average percentage (from weight) of bone by sieve fraction and maximum fragment size within all burials, undisturbed burials and pyre deposits

Deposition type and condition	% in 10 mm fraction	% in 5 mm fraction	% in 2 mm fraction	Maximum fragment range
All <i>busta</i> (average)	29.5%	47.0%	23.5%	48.8 mm-
(range)	11.8%-52.8%	34.0%-59.1%	13.2%-43.6%	65.1 mm
Undisturbed <i>busta</i> (average)	33.9%	47.5%	18.6%	61.9 mm
(range)	19.9%-48.8%	37.5%-58.1%	13.7%-22%	65.1 mm
All urned burials (average)	38.32%	45.8%	13.4%	50.85 mm-
(range)	0%-76.7%	18.7%-83.9%	0%-68.7%	95.9 mm

Deposition type and condition	% in 10 mm fraction	% in 5 mm fraction	% in 2 mm fraction	Maximum fragment range
Undisturbed urned burials (average)	53.3%	34.9%	11.7%	65.7 mm -
(range)	37%-68.4%	25.34%-49.2%	2.2%-24.9%	85.58 mm
All unurned burials (average)	32.5%	48.0%	24.5%	31.4 mm -
(range)	0%-85.9%	0%-88.7%	1.5%-100%	91.0 mm
Undisturbed unurned burials Average weight	41.1%	44.5%	14.3%	55.8 mm -
Undisturbed unurned burials Weight range	3.4%-67.05	2.8%-66%	1.5%-57.9%	91.0 mm
All redeposited pyre debris (average)	26.9%	41.1%	23.8%	35.1 mm -
(range)	0%-67.7%	0%-85.7%	0%-83.3%	57.22 mm
Undisturbed redeposited pyre debris (average)	32.6%	43.4%	24.0%	35.9 mm -
(range)	0%-52.8%	0%-83.3%	0%-39.5%	57.22 mm

In Figure 3, the average percentage of bone within each fraction sizes of urned burials from Pepper Hill was compared to Brougham (McKinley 2004, 299), the Eastern Cemetery, London (McKinley 2000a, 271) and Westhampnett (McKinley 1997, 251). This clearly illustrates that the fraction size of the Pepper Hill assemblage falls within the range of the other three sites. The mean percentage in the 10 mm fraction is lower at Pepper Hill than at Brougham and Westhampnett, but is comparable to the Eastern cemetery, London. However, the mean percentages in the 5 mm and 2 mm fractions at Pepper Hill are greater than that of the other three assemblages. The low fragment size in the 10 mm fraction may be the result of deliberate breakage of the bones prior to deposition (although the maximum fragment size makes this unlikely), or by the high degree of post-depositional disturbance on the site.

Figure 3: Comparison of average fraction size percentage within undisturbed urned burials



Skeletal elements

A cremation burial generally consists of a selection of bone from all the skeletal areas (McKinley 2004, 298). Identification of skeletal elements is governed by the fragment size and morphological characteristics of the individual bones. For example, the larger the fragment, the easier it is to identify the skeletal element. However, the morphology of a cranial vault fragment is unique and even very small fragments are easily identified. Small long bone fragments from the arm and leg are by and large indistinguishable from one other, as are fragments of trabecular bone. Most deposits will therefore contain a large proportion of unidentified bone fragments.

Table 18: Percentage identification of skeletal elements within all burial deposits, adult undisturbed burial deposits and pyre debris.

Deposit type and condition	Identified elements	Skull	Axial skeleton	Upper limb	Lower limb
All <i>busta</i> (average)	33.01%	47.2%	9.9%	16.0%	26.9%
(range)	16.7%-55.4%	28.6%-88.9%	0%-15.6%	05-33.2%	5.2%-52.4%
Undisturbed <i>busta</i> (average)	34.13%	38.6%	11.0%	23.5%	26.9%
(range)	19.1%-48.3%	31.6%-48.4%	5.8%-14.1%	12.8%-33.2%	24.8%-29.4%

Deposit type and condition	Identified elements	Skull	Axial skeleton	Upper limb	Lower limb
All urned burials (average)	36.16%	40.0%	15.0%	14.2%	31.0%
(range)	6.35%-100%	0%-100%	0%-53.2%	0%-44.8%	0%-80%
Undisturbed urned burials (average)	41.0%	24.9%	22.8%	17.7%	34.5%
(range)	28.8%-56%	4.8%-53.3%	8.3%-53.2%	6.2%-35.1%	6.6%-55.9%
All unurned burials (average)	31.4%	42.8%	7.0%	12.9%	34.0%
(range)	0%-70.4%	0%-100%	0%-41.2%	0%-57.1%	0%-100%
Undisturbed unurned burials (average)	35.3%	38.1%	9.1%	17.7%	35.1%
(range)	8.3%-55.0%	7.7%-83.3%	0%-31.0%	8.1%-32.1%	8.3%-70.3%
All redeposited pyre debris (average)	27.6%	41.8%	9.8%	10.9%	20.7%
(range)	0%-63.6%	0%-81.8%	0%-70.0%	0%-20.0%	0%-75.0%
Undisturbed redeposited pyre debris (average)	33.0%	42.1%	12.8%	10.9%	19.9%
(range)	0%-63.6%	0%-81.8%	0%-70.0%	0%-20.0%	0%-75.0%

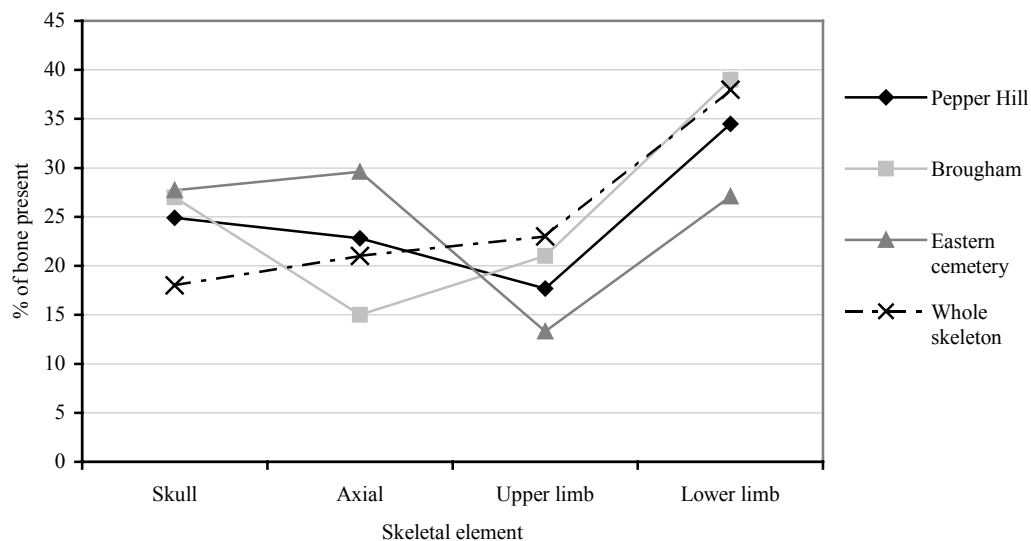
Within the undisturbed deposits, the greatest variation of body part representation was the skull and the axial skeleton (Table 18), disproportionate to the percentage of the skeleton the skull represents (18%). This bias is due to the distinct appearance of the vault fragments, making them easily recognisable. Under-representation of elements of the axial skeleton is probably due to the deleterious effects of the acidic soil conditions on the large amount of spongy bone in this part of the skeleton.

The figures in Table 18 were compared with Brougham (McKinley 2004, 300) and the Eastern Cemetery, London (McKinley 2000a, 271) as well as a complete skeleton (Fig.4). In general, the Pepper Hill averages correlates most closely with the true percentages from a whole skeleton, and all three sites are close to the true values in relation to the upper and lower limbs. All but one burial at Pepper Hill showed a pattern of deposition that suggested that no body part had been deliberately selected or excluded from the burial.

The sole exception to this pattern was burial 11066 (an adult unsexed individual, dated to the early-mid Roman phase), which contained no cranial fragments. The burial had been disturbed, but weighed 542 g. Skeletal elements from the axial, upper and lower limbs were mixed throughout the urn, suggesting that if the cranium had been originally included in the burial, fragments would have been present. Although unusual, this phenomenon is not unique. An adult cremation grave at Westhampnett lacked skull fragments (McKinley 1997,

252), as did an adult female burial at Brougham (McKinley 2004). It was tentatively suggested that this absence was due to deliberate action (McKinley 1997, 252; Cool 2004, 443). Either the skull was removed prior to cremation (by decapitation) or post-cremation sorting had separated the skull bones from the rest of the skeleton. The reason for this exclusion from burial is unknown, but it is important to consider the possibility that the skull was not discarded, but removed elsewhere. This unusual treatment of the skull may reflect continuity of elements of the earlier Iron Age belief system in which the human head was imbued with sacred significance (Cunliffe 1978). In Roman Britain, unusual treatment of the skull has been seen in cult places and in contexts, such as shafts and pits. One such example was the placement of a defleshed skull in a shaft at Folly Lane, St Albans (Cool 2004, 443). It is possible that the missing cranial elements from the above cremations were collected for spiritual purposes or as mementos of the deceased.

Figure 4: Comparison of average identified skeletal element weight within undisturbed urned burials



3.6 Pyre Goods

Cremation burial involves a multi-stage funerary rite: the laying out and display of the body on a bier and/or the pyre, the cremation on a pyre, the collection of bone following the burning, and the burial of selected human remains within a pit or grave (Pearce 1998, 105). The relative importance of the cremation and the burial stages appears to vary across time periods, and also between social groups (ibid.). For example, the pyre stage appears to have

featured more prominently in the Anglo-Saxon than in the Roman period (*ibid*). However, within the Roman period, military sites in the north and west of Britain seem to emphasise the pyre as a location for display much more than in the south-east of England (*ibid.*; Philpott 1991, 220-1). Certainly, Pepper Hill compares unfavourably with the richness and quantity of pyre goods found at Brougham (Cool 2004). However, the unusual presence of seven busta at Pepper Hill does suggest for at least a discrete few, pyre-side ritual was of considerable funerary significance.

In Romano-British cremation rites, offerings of food and drink often contained within pottery vessels were often placed on the pyre to be burnt with the corpse (Pearce 1998, 105). Less common were personal items (such as toiletry sets and mirrors) and recreational games (dice and counters), lamps and unguent bottles (Taylor 2001). The aroma of the perfume contained in the last-mentioned probably constituted part of the spectacle of the funeral, acting as a sensory mnemonic enhancing the act of remembrance for the mourners (Williams 2004, 421). Pyre goods also include dress items (such as jewellery, hairpins and combs) of bone, metal and glass that appear to be worn by the deceased on the funerary pyre (Cool 2004, 438-9). Hobnails from boots are also commonly found pyre goods (*ibid.*). At King Harry Lane cemetery, Pearce (1998, 106-7) identified some age and sex patterning in pyre goods but not in grave goods.

Pyre goods are distinct from grave goods (which constitute a broadly similar range of objects, but were placed within the grave or burial pit with the collected cremated bone in the burial stage of the funerary ritual). Due to the fierce and prolonged heat of the funerary pyre, most pyre goods show evidence of burning, whereas grave goods do not. On the pyre, metal objects (particularly of copper alloy) may melt leaving amorphous globules adhering to the cremated bone, or may be identified by blue-green staining (in the case of copper alloy) or reddish-orange staining (in the case of iron) (McKinley 2004). Glass artefacts, such as beads or unguent bottles, also melt on the pyre and are included within the cremation deposit in an amorphous state. It is less easy to determine if pots found within a cremation grave were pyre or grave goods, since it is difficult to distinguish between scorching that occurred during the initial firing of the pot, during utilitarian use of the pot for domestic cooking, or burning on the funeral pyre (Biddulph this volume). It is often problematic to distinguish between pyre and grave goods made of iron (eg hobnails), due to the high melting point of the metal, iron often does not melt on the funerary pyre, but may well corrode onto cremated bone after deposition (McKinley pers. comm.). Like human bone, the bones of animal carcasses or joints of meat were cremated on the pyre, and are commonly found mixed with the human bone within the cremation deposit (Cool 2004, 442).

Offerings of food and drink to the dead were important elements of the Roman funeral, and were either placed on the pyre, in the grave, or poured as libations onto the grave

(Alcock 1980, 63). Lindsay (1998, 70) comments on the widely held Roman belief that beings in the netherworld required nourishment from the survivors in this world for their well-being. In offering food and drink during and after the main funerary rites, it was hoped that the deceased would be transformed into a benevolent, rather than a disruptive ancestor, capable of conferring prosperity and fertility on the living rather than ill luck (ibid, 72). Funerary feasting may also be a source of animal and plant remains within cremated deposits. Classical authors describe a feast at the grave-side of the deceased as an integral part of Roman funerary ritual (ibid.). Some animal bone and charred plant remains recovered from cremation burials and pyre debris may be the detritus of such a feast.

At Pepper Hill, pyre goods, including blue-green and iron staining on bone, were recovered from 89 (20.4%) of all deposits. Most was in the form of metal staining on the bone, but brooch fragments were recovered from burials 10596, 10740, and 11009, a burnt melon bead and small iron pin from male burial 10510, and a burnt copper stud and other amorphous melted fragments of copper alloy from pyre sites 10740 and 10954. (Cool, this volume).

Sixty-six (46.2% or 42.86% including uncertain burial deposits) cremation burials contained pyre goods (Table 19). Pyre goods were also recovered from 13 non-burial contexts (Table 20). The material was very similar to grave goods placed within the graves - beads, brooches, bone inlay of a box, and most common of all, hobnails. Pyre goods were recovered from 27.5% of burials, or 25.6% including possible burials, the majority being urned burials. A total of 39 urned burials contained pyre goods (48.75%), largely dated to the early Roman phase. Pyre goods were also recovered from 19 unurned cremations (28.8%), and from three deposits of pyre debris (4.5%). The high prevalence of pyre goods in urned burials was also noted at Brougham (59%) (McKinley 2004, 301) and may relate to the status of the deceased.

In general, there was a temporal decline in the number of burials containing pyre goods from the early to the mid-late Roman period. A similar trend was noted at the slightly earlier cemetery of King Harry Lane, St Albans (Millett cited in Pearce 1998, 106). Philpott (1991, 30) noted a similar temporal decline in grave goods with time.

At Pepper Hill, pyre goods were found with 12 immature individuals (52.2% or 46.1% including uncertain burials of immature individuals) and 54 adults (43.9% or 42.8% including possible adult burials). More females (n = 10; 40%) than males (n = 6; 17.6%) had pyre goods. However, this apparent trend should be viewed with some caution given the small sample numbers and the large number of unsexed adults in the assemblage. The following pyre goods were recovered during osteological analysis of the cremated human bone.

Table 19: Number of burials with pyre goods (including iron and blue-green staining on bone fragments) in each time period (n = 66)

	Early Roman	Early-Mid Roman	Mid Roman	Mid-late Roman	Unspecified Roman	Total
<i>Bustum</i>	6.0% 4/66	0% 0/66	0% 0/66	0% 0/66	1.5% 1/66	7.5% 5/66
Urned burial	22.7% 15/66	16.7% 11/66	16.8% 11/66	3% 2/66	0% 0/66	59.2% 39/66
Unurned burial	16.8% 11/66	1.5% 1/66	6% 4/66	0% 0/66	4.5% 3/66	28.8% 19/66
Unurned burial or redeposited pyre debris	3% 2/66	1.5% 1/66	0% 0/66	0% 0/66	0% 0/66	4.5% 3/66
Total	44% 31/66	19.7% 13/66	22.8% 15/66	4.5% 3/66	6% 4/66	100% 66

Table 20: Non-burial contexts with pyre goods (including iron and blue-green staining on bone fragments); n = 13

	Early Roman	Early-Mid Roman	Mid Roman	Mid-late Roman	Roman	Total
Redeposited pyre debris	3	2	0	0	2	7
Pyre site	3	1	0	0	1	5
Redeposited cremated remains	0	1	0	0	0	1
Total	6	4	0	0	3	13

Worked bone

Worked bone was uncommon, found in only two burials and one pyre site (0.93%). Bone pin fragments were found in burials 638 and 10744. No blue-green staining of the bone was present within these deposits. A decorated animal bone fragment was also recovered from pyre site 10597.

This is in contrast to other Roman cremation assemblages where worked bone is generally common, often occurring in the form of hairpins and needles (eg the Eastern cemetery, London (McKinley 2000, 68), and Brougham (McKinley 2004, 301), and less commonly as dice and playing counters (eg Trentholme Drive, York, and Heybridge, Essex (Philpott 1991, 278-9)).

Metalwork

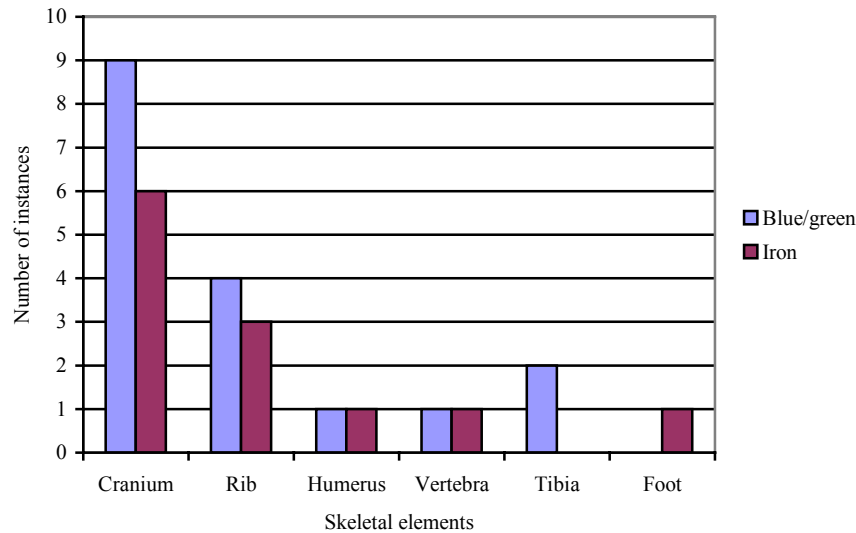
Metal pyre goods were found either as small fragments, or their presence is illustrated by staining on the bone. Copper alloy fragments were recovered from one burial (638) and from two pyre sites (10597 and 11010), all dating to the early and early-mid Roman phases. One heavily burnt coin was recovered within burial 10031. Blue-green staining on bone fragments was observed in 21 burials (12.7%, or 11.9% including uncertain burials), two of which could not be phased. Of the remainder, 12 were dated to the early and early-mid Roman period, and seven to the mid- and mid-late periods. Just over half of the burials were unurned (52.4%) and one was from a *bustum*. These individuals consisted of four immature individuals and 17 adults (of which two were female and eight were male).

The majority of the blue-green staining was present on cranial vault fragments (Fig. 5), followed by elements of the upper torso. A similar distribution was noted at Brougham (McKinley 2004, 302). This pattern suggests that the dead were dressed wearing hairpins, hair decorations or headdresses decorated with copper alloy, although no such items were identified at Pepper Hill. Staining of elements of the upper torso, including the ribs, vertebrae and arms, is probably from fibulae, necklaces or dress fastenings worn as part of the funerary dress (McKinley 2004, 302). Stained bone fragments have also been identified from two individuals at Westhampnett (6.7%, or 6.3% of possible burials) (McKinley 1997, 252), and on the bone of 23 burials at the Eastern Cemetery, London (18.8%) (McKinley 2000c, 68). Burnt copper alloy fragments were also recovered from 12 burials (9.8%) on the latter site (*ibid*). The predominantly male distribution of copper alloy staining in the Pepper Hill assemblage does not reflect the largely female distribution noted in the Eastern cemetery, London (McKinley 2004, 302), and may reflect more regional variations in dress and/or funerary practices.

Iron staining and possible nail fragments were identified in 23 burials (13.9% or 13.1% including unsure deposits). The majority (56.5%) were dated to the early and early-mid Roman period. These were mainly from urned burials (56.5%), and three were from *busta* (13%). The remainder were found within unurned burials. The individuals comprised four immature individuals and 19 adults, of which six were female and five were male. The majority of the iron stains were present on fragments from the upper body, especially the cranial vault. The similarities both in the pattern of distribution and the demographic profile between the burials with blue-green staining and iron staining are striking. Seven of the burials (30.4%) with iron staining also had fragments stained blue-green. However, there were interesting differences. Firstly, the iron staining occurred predominantly in urned burials, whereas blue-green staining occurred more in unurned burials. Secondly, there was a slightly female bias in the group with iron staining, whilst blue-green staining was predominantly found on male remains. Due to the similarities of the distribution pattern

between the blue-green stains and the iron stains, it is possible that they both formed part of a similar repertoire of clothes fastenings and jewellery.

Figure 5: Skeletal elements with blue-green staining



Iron nails are frequently recovered from Roman-British cremation burial assemblages (eg the Eastern Cemetery, London (McKinley 2000c, 68), Skeleton Green, Puckeridge (Wells 1981, 294) and Brougham (McKinley 2004, 302). Larger iron nails have been interpreted as the remnants of a wooden bier or bench on which the deceased was transported and laid for cremation. Such nails may also suggest that some individuals were cremated within a wooden coffin, although at Pepper Hill the overall size of the nails was smaller than those found in coffined inhumation burials on the site. A multitude of smaller nails may attest to the presence of hobnail boots and a casket placed on the funerary pyre. Seventeen iron nails and a fragment of decorated copper alloy inlay were found in pyre debris 10596, and appear to be part of such a casket. Hobnail boots are more commonly found as grave goods in inhumation burials of the later Roman period (Philpott 1991, 348-354), but occasionally were included as pyre goods in the earlier Roman periods. At Pepper Hill, hobnails were found in one early Roman unurned cremation burial (10567).

Burnt animal bone

Fifty-two fragments of burnt animal bone were recovered from within cremation burials and pyre debris. Cremated animal bone may have constituted both offerings to the deceased and/or the ancestors, or less probably formed part of a graveside funerary feast (Pearce 1998).

Burnt animal and bird bones were recovered from 34 burials (23.9% or 22.4% including uncertain burials), of which 28 contained only animal bone, four contained only bird bone, and two contained both. At Pepper Hill animal bone was present in 29 adult burials (23.6%) comprising 10 females, eight males and eleven unsexed individuals. Three also contained bird bone. One child burial contained animal bone, and three contained bird bone (17.4%). Comparing the age and sex of burials containing cremated animal bone at King Harry Lane, St Albans, Pearce (1998, 106-7) found no differences in species between the sexes, but that pig skulls were more common in males and hind limbs in female burials. He also noted that the prevalence of animal bone within immature burials occurred much less frequently than in adult burials. This lower incidence in immature burials was also present in the Pepper Hill assemblage.

McKinley (2004, 331-2) comments that the proportion of burials containing animal bone is much greater in the south-east than in Roman military cemeteries, although this difference may well be temporal. In the south-east, she cites 3.5% from Westhampnett, 13% from Baldock Area 15, and 36% from Puckeridge (*ibid*). At Pepper Hill, twenty urned burials (25%), nearly half of the *busta* (42.85%) and only six unurned burials (10.9% or 9.2% including the uncertain burials) contained animal bone.

The most common identifiable mammal species was young pig, and less abundantly, sheep/goat and cattle. There was a predominance of hindquarters of pig and sheep/goat elements, suggesting that joints of meat were placed upon the pyre. However, in early- mid Roman cremation burial 11637, it is suggested that an entire pig carcass was burnt on the pyre (Kitch 2006). A large number of unidentified large to medium-sized animal bones were also present. Bird bone was most common after pig, the only identifiable bird being domestic fowl probably chicken. In the Roman period in Britain, the species of animals placed on the cremation pyre were fairly limited, with pig and chicken being the most common (McKinley 2004, 332), as seen at St Stephens, St Albans (McKinley 1992) and the Eastern cemetery, London (McKinley 2000c, 73), although at Brougham (Bond and Worley 2004, 327), pig forms an unusually small proportion of the animal bone assemblage.

In Roman tradition, pig sacrifice was commonly associated with the cleansing of ritual pollution associated with death, and Roman historians Cicero and Tellus write of the obligatory graveside sacrifice of a pig to Ceres (the *porca praesentanea*) (Lindsay 1998, 72-3). Pig sacrifice was also associated with regeneration (*ibid*). Although the archaeological record does not strongly suggest that such rituals took place at Pepper Hill, it is possible that the symbolic associations of this animal with death and burial underlay the choice of this meat offering on the funerary pyre. The sole example of an entire carcass placed on the pyre may well have been a sacrifice. Bird bone was present in four urned burials (5%), and in two unurned burials (including an unsure burial) (3.1%). The bird bones from two burials were

identified as domestic fowl, and appear to have been placed on the pyre as entire carcasses. Poultry formed a traditional component of the Roman graveside funerary feast, which also included eggs, lentils and beans (Lindsay 1998, 73).

Charred plant remains

Charred plant remains were retrieved during flotation of 17 cremation deposits. These remains may have originated as the fuel (kindling and firewood) of the funerary pyre, been accidental inclusions of weeds and grasses from surrounding environment, the detritus of funerary feasting or may constitute deliberately placed offerings on the funerary pyre (Kreuz 2000, 45). These charred remains constitute only a fraction of the original plant material exposed to the flames, the bulk being completely consumed by burning. However, if exposed to low oxygen levels, plant remains may only char, and frequently survive in the archaeological record.

Grains of barley and wheat were identified, as well as wheat chaff (which may have been used as tinder). Horse bean and pulses were also present (Davis 2006). Cereals and pulses are the most commonly encountered charred plant remains found in cremation deposits, partly because they constituted much of the normal diet of the less wealthy. However, in Roman ideology beans were often associated with the dead, forming part of the meal eaten at the graveside on *Parentalia*, the annual Roman festival to honour the dead of one's own family. They were also cast upon graves as protection against the grievous impact of the spirits or shades (Lindsay 1998, 75). Beans, lentils, eggs and poultry traditionally formed part of the purification rituals of the graveside meal or *silicernium* (*ibid*, 72). It is thus not surprising that we find these plant remains as pyre goods at Pepper Hill.

More exotic plant remains, however, were recovered at Pepper Hill. These include the flesh and seeds of grapes, lentil and fig. Whilst grapes were cultivated in England in the Roman period, lentils and figs were exotic imports from the Continent. All three species were recovered from an unurned state and probably constitute food offerings to the dead. The presence of exotic imports, such as lentils and figs, together with foreign pottery imports, attests to contacts between Springhead and the wider Roman Empire.

3.7 Grave goods

Very few grave goods were recovered during osteological analysis of the cremated remains. These are discussed more fully in the chapter dedicated to small finds.

Seven small unburnt glass fragments were recovered from seven burials. However, the fragments were tiny and may well have been introduced into the burials by worm action.

Four unburnt fish bones were recovered from within three mid-Roman and one Roman burial. In burials 599 and 1070, the fish species were identified as herring (Kitch

2006). Like the above glass fragments, the tiny fish bones may have been introduced into the burials by worm action. It is probable that they constituted food offerings to the dead placed within the grave. Oyster shell was also recovered from one adult female unurned burial dated to the early-mid Roman period. The two burials containing unburnt mammalian animal bone mixed with the human remains were of early and early-mid Roman date, and comprised cranial fragments of an unidentified animal in an adult male burial, and sheep's teeth in an adult female burial. Both were urned burials.

3.8 Multiple cremation burials

Two types of multiple burials were identified in the Pepper Hill assemblage: one was a multiple cremation and/or burial in which the human remains of the two individuals (often adult and child) were deposited as a single entity (contexts 58, 425 and 10586), and the second, where two separate cremations burials were deposited within the same grave (cuts 203 and 11366). A possible third type of multiple burial occurred where a token amount of adult remains was added to the cremation burial of an immature individual (11964). The details are summarised in Table 21. The bone of the two individuals was found mixed together without discernible concentrations or layering of the remains of each individual.

Four burials (2.7%) contained the remains of two individuals; in which an immature individual was associated with an adult. The combination of an adult female with an immature individual is a common feature in double cremations, recorded at Brougham (McKinley 2004, 303) and at the Eastern Cemetery, London (McKinley 2000, 272), suggesting a mother and child relationship. Males associated with immature burials are known, however (McKinley pers. comm.). The frequency of dual deposits in Romano-British burials ranges between 2-8% (McKinley 2004, 303).

Two burials from Pepper Hill included very small amount of adult bone (contexts 188 and 10964) burnt with the remains of immature individuals. Burial 188 was excavated in spits and the adult remains were situated in the top three of the five spits. Although there were elements from all the areas of the skeleton, the majority were cranial fragments. There was disturbance of grave 11961, and it is probable that bone of either or both individuals has been lost. Three urned burials (176, 181 and 188) were present within one grave cut (185) Burial 188 contained the remains of two individuals, and hence, this grave may have contained a total of four different individuals, presumably a family group. It is possible that the time of death of these four individuals was very close (for example, if they all succumbed to an epidemic) and that they were buried together. Equally, some of the urns may have been kept above ground for some time (before being buried *en masse* in one grave McKinley 2004, 303). However, osteologically it is possible that the cremated bone found in the three cinerary urns of this burial contained the remains of only two individuals. There was no duplication of

elements, and the age range of the immature remains from the two deposits are almost identical. It is therefore probable that this grave contains only two individuals.

Table 21: Summary of mixed burials (n = 12 or 14)

Context number	Cut number	Burial type	Sex	Age	Deposit weight	Comments
58	57	Urned	Female	Adult	11 g	Badly disturbed
58	57	Urned	Unknown	Infant	16 g	
188	185	Urned	Unknown	Adult	6 g	The adult bone was only present in the upper 3 spits
188	185	Urned	Unknown	Juvenile	245 g	
425	590	Urned	Male	Old Adult	1202 g	The bones of the two individuals were mixed throughout the urn
425	590	Urned	Unknown	Juvenile	40 g	
10586	10587	<i>Bustum</i>	Unknown	Adult	269 g	The <i>bustum</i> was truncated
10586	10587	<i>Bustum</i>	Unknown	Immature	34 g	
10964	11961	Urned	Unknown	Adult	8 g	Slightly disturbed burial
10964	11961	Urned	Unknown	Infant	38 g	
11367	11366	Unurned	Male	Old adult	439 g	
11374	11366	Unurned	Female	Adult	734 g	
176	203	Urned	Unknown	Adult	205 g	Urned burials within same cut as mixed burial 188
181	203	Urned	Unknown	Juvenile	66 g	

3.9 Formation process

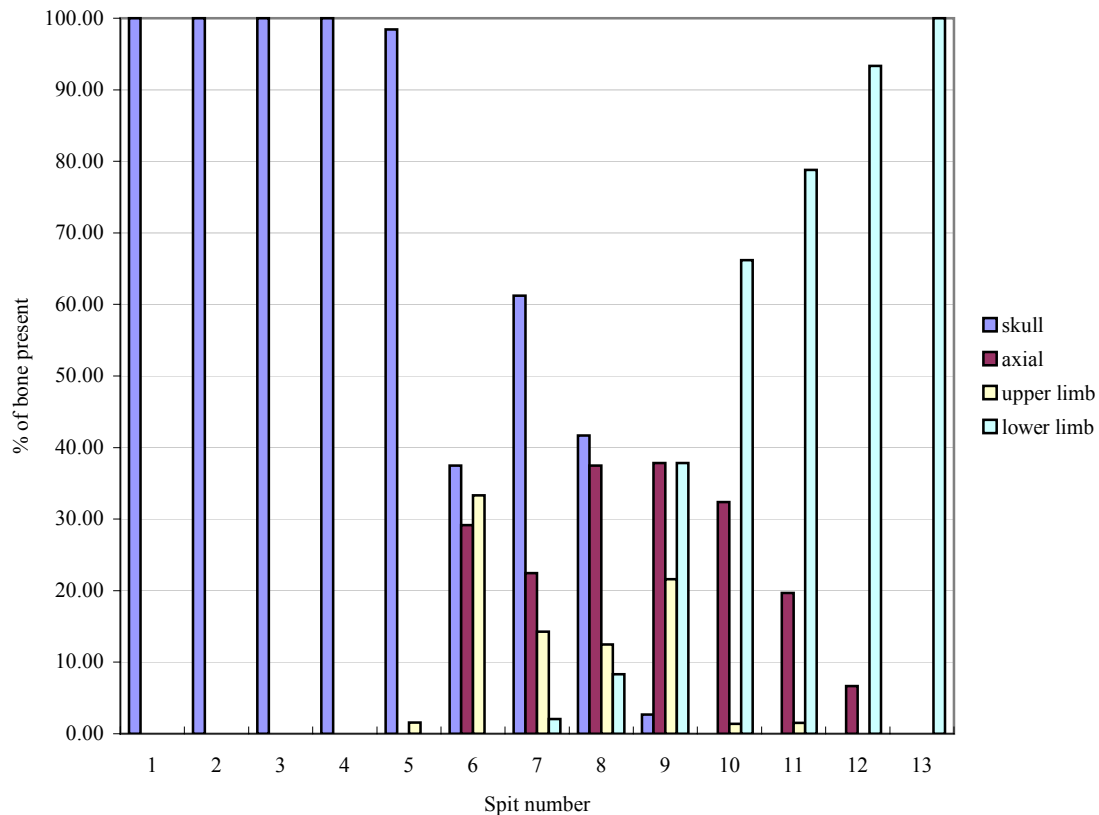
Fifty-four urned burials and 23 unurned burials were excavated in spits in order to establish the formation process of the burials. The number of spits in the urned burials ranged between two and 13, with an average of 5- 6. In the unurned burials, the number of spits also ranged between 2 and 13 but with an average of 3-4 spits per burial.

In cremation burials a stratigraphic ordering of skeletal elements is occasionally identified within a deposit, whilst in the majority of cases, bone fragments from different body parts appear evenly mixed throughout the receptacle, without deliberate exclusion of any particular part. This is thought to reflect the process of collection of the burnt remains from the pyre following cremation. For example, the latter may have formed when the ashes of the burnt-out pyre were raked together, and the bone contained therein was picked out for burial. Structured deposition would occur where this bone selection had not been random.

In the Pepper Hill assemblage, none of the unurned burials showed depositional patterning suggestive of the latter. Five urned burials (9.3%), however, did show clear indications that the bone had been placed in the urn in systematic fashion, approximating the normal anatomical position of body parts. The lower limbs were placed in the base of the urn, the upper limbs and the axial part were in the middle spits, and the skull in the upper spits. Figure 6 below provides an example of the pattern seen in these burials. Such patterning is probably the result of systematic collection of unmanipulated cremated remains still *in situ* on

the burnt-out and undisturbed ashes of the pyre, the collector beginning at the foot end and working towards the head end of the pyre.

Figure 6: Context 120, structured deposition



What is unclear is whether this structuring was deliberately conceived or incidental. Structured burials dated widely across the three centuries that cremation was practised at Pepper Hill. The individuals were all adults and comprised three females, one male and one unsexed individual.

3.10 Pyre sites and redeposited pyre debris

Of the 16 pyre sites discovered, 13 dated to the early Roman period, and three could not be dated more specifically than 'Roman'. The pyre sites were identified as shallow pits with evidence of *in situ* burning, and most contained only small amounts of cremated human bone (1 g -282 g), exceptions being pyres 1012 and 11009 that contained 538 g and 450 g of adult remains, respectively. Five pyre sites contained evidence of pyre goods. Copper alloy fragments and one decorated fragment of animal bone were recovered from 10597, the fill of

pyre site 10596, and copper alloy fragments were found in 11010 (the fill of 11009). Iron staining was present on two adult rib fragments within deposit 10702 (pyre site 10699), and on infant cranial bones within deposit 11183 (pyre site 11182). Blue-green staining was also present on the latter. Cremated animal bones were also recovered from fill 10959 (pyre site 10954), which also contained the remains of an adult female.

There are a disproportionately low number of pyre sites to cremation deposits at Pepper Hill. It is possible that the pyre sites were reused for multiple cremations. However, only one pyre site (1012) contained the bone of more than one individual. This lack of mixing of cremated remains, and the paucity of bone and pyre goods may be explained by sweeping of the under-draught pit between cremations (McKinley 2000d) . Presumably, the small bone deposits in the pyre pit represent the bone that failed to be retrieved after the last cremation. A cobbled surface within the cemetery precinct bears similarity to features found at Brougham, and interpreted as *ustruria* or cremators (Cool 2004). However, at Pepper Hill this evidence is very tentative, as evidence is unconvincing. Another possibility to explain the apparent dearth of pyre sites is that some pyres may have been constructed on the land surface, and either lacked, or had very shallow draught pits that have since been entirely truncated by later ploughing (McKinley 2000d, 39). In addition, the heavy intercutting of features, would have obliterated such features within the confines of the cemetery. Alternatively, some cremations may have taken place outside the cemetery precinct.

Pyre sites are not common on Romano-British cemetery sites, leading Philpott (1991, 82) to conclude that most cremation took place away from the place of burial. At Westhampnett, West Sussex, one pyre site was discovered, dating to the Roman period (McKinley 1997, 244). At Brougham, no definite pyre sites were discovered, although a cobbled area has been tentatively interpreted as an *ustrina* or crematorium. The dispersed nature of pyre debris across the site however, suggested that several scattered sites of burning existed within the cemetery (Cool 2005). At the Eastern cemetery, London, (with the exception of *busta*) no pyre sites were identified, but extensive deposits of pyre debris found in the cemetery area attest to cremation taking place on site (McKinley 2000c, 61). Many small deposits of bone and burnt material recovered from the Western cemetery, London (Watson 2003, 34) were interpreted as either disturbed cremations or pyre debris, although no pyre sites were discovered on this site. At Pepper Hill, redeposited pyre debris was situated within 27 features that contained 45 deposits. The majority was deposited at the base of graves, one large pit (cut 10613) containing ten deposits. The latter represents a series of dumps, presumably after the clearing of a pyre site between cremations.

A little over half (28 deposits) of the redeposited pyre debris could be phased. Of these, 78.6% dated to the early Romano period (including pit 10613). The remaining six deposits dated to the early-mid and the mid Roman periods.

The redeposited pyre debris from graves was analysed separately from the associated burials. It is therefore not possible to discern with any degree of certainty whether the human remains within the pyre debris were part of the same individual as represented by the remains within the main burial deposit.

3.11 Busta

Seven busta containing the remains of eight individuals were identified at Pepper Hill (Table 22). Six of the *busta* date to the early Roman period, and one (10629) could not be dated more precisely than the Roman period. Most of the features and their contents had been disturbed by later graves. The weights of bone of two undisturbed burials are rather low, but within the acceptable range (10559 and 11706) for this type of burial (McKinley 2000d, 40). Context 10501 only contained 730 g of bone, but given the adverse soil conditions and the age and sex of the individual, it is plausible that a substantial amount of bone may have been lost through degradation. All major body parts were represented including cranial vault and facial bones, upper and lower limb bones, ribs and pelvis.

Table 22: Summary of busta (n = 7)

Phase	Context number	Disturbance	Weight	Age	Sex
Early Roman	10501	Undisturbed	730g	Old adult	Female
Early Roman	10559	Undisturbed	1211g	Old adult	Female
Early Roman	10586	Disturbed	34g	Juvenile	Unknown
Roman	10620	Disturbed	886g	Mature adult	Unknown
Early Roman	11706	Undisturbed	1424g	Mature adult	Male
Early Roman	11540	Badly disturbed	448g	Juvenile	Unknown
Early Roman	10629	Disturbed	126g	Unknown	Unknown
Early Roman	11738	Badly disturbed	644g	Adult	Female

A *bustum* is a pyre site that also functioned as a place of burial. The pyre burns down into a deep under-pyre pit and the remains are buried *in situ*. The body would therefore lie approximately in an anatomical position on a bed of wood ash and charcoal (McKinley 2000d, 39). This description defined three of the burials at Pepper Hill. The cut of *bustum* 10501 (10503) comprised a rectangular cut, 0.25 m deep with evidence of burning around the grave. It contained the remains of an older female overlay and was mixed with charcoal of oak. Within *bustum* 10490 (0.21 m deep) the remains of an older adult female and of a juvenile (aged 13-18 years) overlay a layer of oak charcoal at the base of the grave. They were accompanied by the cremated hind limbs of a pig. Iron nails within the charcoal deposit

suggest the corpses had been placed upon a bier. Burning around the grave indicates a *bustum*. Within two of the *busta* (11706 and 11738), however, the bones were not discovered in an anatomical position but heaped in a pile with skeletal elements randomly distributed within the deposit. This indicates that after the cremation, the bones were raked together in a pile, and then buried within the confines of the pyre pit. This secondary manipulation does not detract from the features being *busta*.

Busta are comparatively rare in Britain, and are perceived as an intrusive rite introduced from the Continent (Philpott 1991, 48). They appear to have originated in Gaul (*ibid.*, 49) but are found widely distributed along the German frontier, as far to the east as Pannonia (or modern Hungary) (*ibid.*). Although several *busta* have been reported on in Britain, most do not fulfil the diagnostic criteria set out above (McKinley 2000c, 62).

A large proportion of *busta* are found in cemeteries associated with Roman military installations in the north (eg High Rochester, Derby Racecourse; Beckfoot; Herd Hill, Cardurnock (Philpott 1991, 48). Recent excavations at Lexden, Essex, revealed two *busta* dating to the 1st century AD. The undisturbed remains of a female burial was accompanied by a fire-damaged mirror and a spoon. Both burials contained a coin at the head end of the pit, tentatively suggesting the Roman practice of placing a coin in the mouth of the dead, as payment to Charon, the ferryman to the underworld. (Colchester Archaeological Trust website 2005). Lexden lies just outside Colchester, once the administrative capital and fort of the province of Britannia. The presence of seven *busta* at Pepper Hill raises questions about the nature of the population of Springhead, particularly the possibility of a very early short-lived Roman military site in the area. There are examples of *busta* from a number of non-military urban sites in Britain and occasionally in rural areas. *Busta* have been found in two cemeteries just outside Roman London. The so-called “gladiatrix” burial from 165 Great Dover Street, Southwark, is one such example. The cremated remains of this 1st-2nd century AD adult female (bone weight *c.* 1.0 kg) were accompanied by eight unburnt lamps, eight unburnt tazze and six ceramic vessels. Melted glass fragments suggest a small glass vessel (possibly an unguent bottle) had been placed on the funeral pyre (MacKinder 2000, 26). A probable *bustum*, dated between 180-300 AD is known from the Eastern Cemetery, London (McKinley 2000c, 62). At Latton Lands, Wilts., a partially cremated prone male (aged 40 years) was buried *in situ* accompanied by a knife and a pot (Witkin 2004), both artefacts dating to the late Iron Age/early Roman periods. The *busta* formed part of a small cluster of burials located in a rural setting of Iron Age and Roman enclosures, fairly close to the junction of two Roman roads (one being Ermine Street). However, the site lies approximately six miles from Cirencester, a Roman fort built in the early 1st century AD. It is entirely possible that the deceased was a soldier stationed in the town. Other *busta* sites known in

southern England are eight *busta* excavated at the Lea, Denham (Cotswold Archaeology website) and seven at Bray, Berks., dated 325-50 AD (Philpott 1991, 48).

The datable *busta* from Pepper Hill show a tight temporal clustering between 0- 130 AD, with three dated to 40-85 AD, and two between 40-100 AD. These burials date somewhat earlier than a number of the above examples, but are broadly contemporary with the examples from Latton Lands, and Great Dover Street, London (McKinder 2000, 33).

3.12 Cenotaphs

An interesting phenomenon was the complete absence of human bone within 26 features, otherwise interpreted as cremation graves. The majority dated to the early and early- mid-Roman phases. In these cases, it seems probable that no bone had been buried within the feature, and that its absence was not the result of adverse taphonomy. This was not the case with inhumation graves where poor preservation of the bone on the site made it impossible to distinguish between real cenotaphs and the effects of diagenesis.

It does appear that in the absence of the corpse (presumably where the body could not be reclaimed, as in military situations or death by drowning, for example), families symbolically commemorated the dead by digging and furnishing an empty grave. This phenomenon was recognised in other Romano-British cemeteries (eg Brougham (McKinley 2004, 306-7), Westhampnett (McKinley 1997), St Stephen's cemetery, St Albans (McKinley 1992) and London Road, Gloucester (Smith and Simmons 2006). McKinley (2000d) argues that cenotaphs may represent a different view of the role of cremation and burial to mourners. Whereas the physical remains of an individual may have been seen as transformed or freed from its earthly bonds through the acts of cremation and burial, no such transformation was possible in the absence of the corpse. Clearly, the living still wished for a place to mourn the dead and/or to have a 'grave' where they might leave offerings. In the case of cenotaphs, it is possible that the importance of these acts of memory remained powerful, even in the absence of their mortal remains.

4 RESULTS: THE INHUMATION BURIALS

4.1 Disturbance and condition

Whilst preservation of cremated bone was relatively good, the acidity of the soil caused considerable leaching of the unburnt bone, with many inhumations either completely destroyed or identifiable only from soil stains (77%). Bone survived in only 79 graves (23%). In most cases, only fragments of tooth enamel or complete crowns were present. Where bone survived, it generally comprised small cranial vault fragments and long bone shafts. In the

majority of cases, less than 5% of the skeleton survived, with the exception of skeleton 11306, where 40% survived. The quality of the bone was also very poor, invariably being very light and paper-like.

The presence of a coffin also appears to have had an adverse effect on bone preservation, with 88.1% of uncontained burials and 91.9% of coffined burials being categorised as very poorly preserved; and 11.9% and 5.4% of uncontained and coffined burials in the poorly preserved category. Oak was widely used for coffin construction in Roman Britain (see discussion). Acidic tannins within the oak would dissolve in groundwater accumulating within the rotting coffin, causing leaching of the bone mineral of the skeleton (Dr Ian Tyers pers. comm.). At Pepper Hill, of the 37 coffined inhumations, 32 (86.5%) had less than 5% survival. Although this preservation is much the same in uncoffined burials, there is a larger proportion of latter with greater bone survival (Table 23).

Table 23: Percentage recovery of skeletal remains (n = 79)

	< 5% recovery	5-10% recovery	11-15% recovery	40% recovery	Total:
Coffined burial	40.5% 32/79	5.1% 4/79	1.3% 1/79	0%	46.9% 37/79
Uncoffined burial	44.2% 35/79	5.1% 4/79	2.5% 2/79	1.3% 1/79	53.1 42/79
Total	84.7% 67/79	10.2% 8/79	3.8% 3/79	1.3% 1/79	79 100%

Human bone from 33 burials (41.8%) had suffered some degree of disturbance. Least disturbed were the graves situated around the edges of the cemetery where truncation by later features was minimal.

4.2 Phasing

The earliest burial was of a single adult male (10405), aged 40+ years. The skeleton was radiocarbon dated to the mid-to-late Iron Age (350-40 cal BC; 95% confidence interval).

The largest number of burials was dated stratigraphically and artefactually to the early Roman period (n = 132; 37.0%). There appears to be a steady reduction in the number of burials over time, with 62 (17.4%) being buried in the early-mid Roman period, 43 (12.0%) in the middle Roman period, 12 (3.4%) in the mid to late Roman period and only five (1.4%) in the late Roman period. One hundred and three (28.9%) could not be dated more specifically than 'Roman'. This pattern of sudden peak of activity in the first and early second centuries AD and a fairly marked tail off mimics the pattern of cremation burial in the cemetery, and correlates temporally with the sudden rise and gradual demise of the small

town/religious centre of Springhead (Philp and Chenery undated). It is clear that at no point in the lifetime of the cemetery did inhumation and cremation replace the other as a rite of choice. Both rites were practised concurrently, although the number of inhumation burials does exceed the number of cremation burials throughout. However, the predominance of inhumation over cremation burial does diminish over time, being most marked in the early period (68% vs. 32%), but declining to 65% versus 35% in the early-mid-Roman period, and 55% to 45% in the mid-Roman period. This would suggest that the popularity of inhumation was waning slightly in favour of cremation burial in the late 1st to middle third centuries AD. However, this trend appears to reverse in the mid to late Roman period with inhumations constituting 63% versus 38% of the total burials on site. By the late Roman period, cremations were no longer undertaken and the few burials from this period were by inhumation of the unburnt corpse.

4.3 Demographical data

Age distribution

Of the 35 individuals (44.3% of the total assemblage) that could be aged, only one was aged younger than five years (2.8%) and five were aged younger than 18 years (14.3%). The majority were adults ($n = 29$; 82.9%), 21 (60%) of whom could not be aged any more accurately than being more than 18 years old. Of the adults that could be more accurately aged, 11 (31.43%) were young adults (18-25 years), two (5.7%) were mature (26-45 years) and two (5.7%) individuals were aged older than 45 years (Table 24). The proportion of infants and juveniles in the inhumation assemblage is much lower than is expected of a pre-modern society. The conspicuous absence of neonatal remains has been discussed above in relation to cremated bone. The low proportion of older infants and immature individuals in the osteological assemblage largely reflects the differential preservation of these remains on the site. Being smaller and less compact than adult bone, the bones of most immature skeletons were completely destroyed by the acidic soil conditions. The presence of older infant and subadult inhumations is archaeologically attested by the presence of a number of small grave cuts within which the skeleton had been totally destroyed. It is probable that many more such small shallow graves were completely removed by later burials and ploughing, and are not attested in the archaeological record.

Of the adult population where age could be estimated, seven of the eight adults were aged between 19-25 years. This contrasts with the cremation assemblage where the population appeared older. This difference is unlikely to be methodological as both burnt and unburnt bone was aged using the same criteria, the most commonly employed being Miles

(1962) dental attrition method. The size of the inhumation population, however, is really too small to be able to draw any firm conclusions.

Sex distribution

The sex of 11 adults could be determined (11/79; 13.9% of the total inhumation population). Six (54.55%) were females and 5 (45.45%) were males. Only three females were sexed with a high degree of certainty. The sexing of the remaining eight individuals has to be viewed as tentative (Table 24).

Table 24: Age and sex distribution of the inhumation assemblage (n = 57)

Age category	Unsexed	females				Males			
		certain	?	??	total	Certain	?	??	total
<i>Neonate</i>	0	-	-	-	-	-	-	-	-
<i>Infant</i>	1	-	-	-	-	-	-	-	-
<i>Juvenile</i>	0	-	-	-	-	-	-	-	-
<i>Subadult</i>	5	-	-	-	-	-	-	-	-
<i>Adult</i>	21	0	1	1	2	0	1	1	2
<i>Young adult</i>	7	2	1	0	3	0	1	0	1
<i>Mature adult</i>	1	1	0	0	1	0	0	0	0
<i>older adult</i>	0	0	0	0	0	0	1	1	2
<i>Total</i>	35	3	2	1	6	0	3	2	5

4.4 Non-metric and metric data

Due to the poor bone preservation, many non-metric traits could not be observed. Non-metric traits were recorded on five adults (Table 25). These natural skeletal variations, which were present on three females and two males, are commonly used to suggest familial relationships between skeletons within a burial assemblage. Unfortunately, due to the small sample size, no conclusions can be drawn from the data.

It was possible to calculate a post-cranial index on one individual (skeleton 11036). The platymeric index was calculated to be within the platymeric range.

Table 25: Non-metric traits observed ($n = 5$)

Skeleton number	Sex	Age	Cranial	Post-cranial
835	Male	Mature adult	Left highest nuchal line, Left mastoid foramen	
10405	Male	Older adult	Right and left parietal foramen	
10666	Female	Young adult	Right mastoid foramen extra-sutural, right posterior condylar canal	
10874	Female	Young adult	Torus maxillares	
11036	Female	Mature adult		Right hypotrochanteric fossa.

4.5 Pathology

Dental disease

Seventeen individuals (21.5%) had dentition present (77 maxillary and 112 mandibular teeth), a total of 185 teeth and 31 sockets. The prevalence of ante- and post-mortem tooth loss, dental abscesses and periodontal disease were not calculated, as such prevalences would grossly under-estimate true rates given the small amount of data recorded. A total of ten adults (41%) showed dental pathology. Dental pathology, such as dental calculus, periodontal disease, caries and ante-mortem tooth loss, frequently relates to the consumption of carbohydrates and to poor oral hygiene practices.

Dental calculus was present on the mandibular dentition of three individuals (18.2%). The deposits were slight and affected nine teeth (a prevalence per tooth of 4.86%). Three individuals had a total of five small carious lesions (2.70% per tooth). Ante-mortem tooth loss was observed in one individual. Two individuals had a dental abscess each. Skeleton 10666 also had localised periodontal disease associated with the abscess. Two individuals had also three teeth that had been lost post-mortem.

Dental enamel hypoplastic lines were present on 12 teeth (6.48%, per tooth). The condition affected four individuals. Prolonged illness or malnutrition in the first six or seven years of life may cause an interruption or slowing of normal enamel formation during tooth crown development causes permanent thinning of the enamel (Goodman and Rose 1990). Dental enamel hypoplasia acts as a permanent indicator of such a stress episode in the early years of life (*ibid*; Roberts and Manchester 1995).

The prevalence of calculus, caries and dental enamel hypoplasia from Pepper Hill were compared to the rates from the inhumation assemblages of the Eastern Cemetery of Roman London (Conheaney 2000; 283-284) and St Bartholomew's Hospital, West Smithfield

(Bentley and Prichard 1982, 134-72). The prevalence of all three diseases in the Pepper Hill assemblage was much lower than those from London (Table 26). An analysis of dental disease in as many as 35 Romano-British inhumation assemblages of all periods was undertaken by Roberts and Cox (2003, 131-132, 141). They estimated caries rates at 7.5% per tooth or 17.7% per individual. Although they may be criticised for a very broad-brushstrokes approach, it is interesting to note that the caries prevalence at Pepper Hill was less than half this average for the period. Roberts and Cox (2003, 132) similarly calculated calculus prevalence in Roman Britain as 43.4% per tooth, almost ten times the rate observed at Pepper Hill. The very low rate in the Pepper Hill assemblage may in part be due to the overall poor preservation of the burials, and, since calculus is accumulative, the fairly young age of the population. Alternatively, it may be more indicative of the extremely poor preservation of bone and teeth of this assemblage.

Table 26: Dental pathology prevalence per tooth from early Roman inhumation assemblages

Sites	Calculus	Caries	Dental enamel hypoplasia
Pepper Hill	4.86%	2.7%	6.48%
St Bartholomew's, W. Smithfield, London	-	5.9%	-
The Eastern Cemetery of Roman London	75.4%	7.3%	11.9%

Skeletal pathology

Pathological lesions were observed on only one skeleton (835). This low disease prevalence was due to the exceedingly poor preservation of the bone, which precluded the identification of bony changes indicative of disease. Skeleton 835 displayed slight spinal degenerative joint disease of the upper cervical vertebrae, with lesions comprising slight osteophyte formation on the dens and the dens facet on the atlas and axis vertebrae. The lesions are sometimes caused by occupational stress to the joints (such as carrying heavy loads on the head), but everyday wear-and-tear to the joint surfaces with age also causes progressive degeneration of the joint surfaces with advancing years. The latter is more likely to have caused the above lesions.(Roberts and Manchester 1995, 109-110). Given the slight severity of the disease it is very unlikely that this caused the individual neck much stiffness or discomfort.

5 DISCUSSION

Pepper Hill is one of the largest Roman cemeteries in Kent, and also one of the largest Roman cremation assemblages in Britain. In excavating the cemetery in its entirety, it is possible to gain a deeper understanding of the whole burial population, and hence, the demographics of a

large sector of the population of Springhead. Hence, Pepper Hill holds considerable regional and national importance in developing our knowledge of palaeodemographics and burial practices of this period.

5.1 Pepper Hill cemetery in its regional setting

Roman Kent was a densely settled rural landscape interspersed with towns, forts and ports, and a hierarchy of rural settlements ranging from luxurious villas to humble homesteads. Kent's geographic proximity to mainland Europe ensured that this part of Britain was early in adopting new social, ideological and technical developments from the Continent. However, Williams (2003, 235) writes that the pace of diffusion of Roman ideals and practices in the late Iron Age and early Roman periods varied considerably across the social spectrum, with some high status sites (such as Lullingstone villa) showing advanced adoption of the Roman lifestyle, whilst on more humble sites there was little change from the preceding Iron Age. This patchy pattern of Romanisation and Iron Age conservatism may also be applied to burial practices of the period.

By the time that the Roman province of Britannia was effectively founded following the Claudian invasion of 43 AD, cremation had already been established as the predominant funerary rite for approximately 100 years in Kent and the south-east of England. The so-called Aylesford culture of urned and unurned cremation burials was introduced into the south-east of England in the mid-1st century BC, and is commonly perceived as a diffusion of Roman practices from Gaul, together with wheel-thrown pottery, wine and coinage (Whimster 1981, 148; Taylor 2001, 77). Wide variations in the richness of these burials have been observed, reflecting the growing socio-political stratification of this period. The bulk of graves are simple, many being unfurnished or containing only a cinerary urn or bucket to hold the cremated bone. Others, like the Lexden tumulus, or Welwyn, Herts., chieftain burials contain a vast array of drinking, feasting and gaming equipment, and many exotic imports from the Roman world. Whilst the majority of late Iron Age cremation burials most commonly occur singly or in small clusters of up to a dozen graves (Parfitt 2004, 17), large cemeteries are known at Aylesford, Kent, King Harry Lane, St Albans, and Westhampnett, West Sussex. In Kent, single or small cremation burial groups are common. Typical examples include those from Chapel Mill, Boys Hall Balancing Pond and Beechbrook Wood (CTRL project).

Although cremation burials are far more prevalent than inhumation in late Iron Age Kent, the latter are not unknown. At Mill Hill, Deal, 39 middle-late Iron Age and five Iron Age/Roman inhumation burials were discovered as three grave clusters and one isolated rich burial. Burial on the site shows interesting continuity, with one skeleton firmly radiocarbon dated to the Roman period. Twenty Roman cremations dating to before the 2nd century AD

are also known from Mill Hill (Parfitt 1995, 155-157). Another late Iron Age cemetery of 20 inhumations and six cremation burials is known from Highsted, Sittingbourne (*ibid.*). Inhumation also appeared as a minority rite at the cremation cemetery of King Harry Lane, St Albans, Bucks. Isolated Iron Age inhumations in graves have been found in the south-east at Dumpton Gap, Broadstairs, and Slack Hill, Shoreham, West Sussex. The middle-late Iron Age inhumation at Pepper Hill predates the earliest Roman inhumations by between 50- 350 years. Given the intercutting of features on the site it is not certain that this grave was an isolated burial, but other Kentish isolated inhumations within purpose-cut graves are not unknown for the period. What is unusual, however, is the prone position of this skeleton, which is more commonly found in later periods.

Both cremation and inhumation traditions practised at Pepper Hill had their roots in indigenous late Iron Age practices, although the former undoubtedly originated from Roman Gaul in the preceding century. Indeed, dual rites were practised on a few late Iron Age sites. However, there are a number of differences between these burial practices and those found at Pepper Hill. Unlike the preceding period, it is inhumation and not cremation that is more common at Pepper Hill, although both rites are well represented. Throughout much of the cemetery's use, inhumation predominated over cremation although cremation did overtake inhumation in importance for a brief period between AD 120/130 to 260. In keeping with changes taking place in Rome and throughout the provinces (Taylor 2001), inhumation rapidly supplanted cremation from the mid 3rd century AD. The last cremation burial at Pepper Hill dates to approximately 260 AD.

The distribution of Roman burials in the Sites and Monuments Record for Kent is problematic, as the data includes a high proportion of old records of doubtful provenance, and reflects the concentration of archaeological chance finds and investigations in areas of modern development. Nevertheless it provides useful source for understanding the distribution of different forms of burial within the county. A wide scatter of inhumation burials of the earlier Roman period occurs across the county, with considerable clustering around towns (such as Canterbury, Rochester and Springhead), and to a lesser extent, near villas. Both cremation and inhumation burials predictably concentrate on the areas of intense settlement, namely the Thames margins and the North Kent Plain, the Isle of Thanet and river valleys draining from the North Downs, such as the Medway and the Ebbsfleet (Lawson and Killingray 2004, 24). However, although cremation burials also cluster around towns and villas (eg Westhawk Farm (Booth *et al* forthcoming), they appear to have a wider rural distribution than inhumation cemeteries, occurring in greater numbers in more isolated settings (such as the North Downs).

Pepper Hill appears to have been the principal cemetery of Springhead, although smaller burial grounds are known to the south-west and south-east of the town. Excavations at

the Garden Centre, Springhead, revealed three cremation and four inhumation burials AD (Philp and Chenery undated, 8). Dating of the burials was tightly clustered, with the cremation burials and at least one inhumation grave dating between 70-100 AD (ibid.). The cremation burials and one inhumation burial were richly furnished with grave goods, whilst the graves of two adult and one immature inhumation burials were unfurnished, save a nailed coffin in the last. This burial group appears to comprise a small high status family group, possibly with retainers. This small burial ground is one of a number discovered around Springhead. Not far from the Pepper Hill cemetery, another small high status burial ground containing cremation and inhumation graves was excavated in antiquity. Within the stone walled enclosure, two lead coffins, a stone sarcophagus, two glass urns and sumptuous grave goods including a gold chain, bracelets and a ring, and a pair of decorated purple leather shoes were discovered (Smith 2004, 15-16). Further inhumations were found in 1921-2 north of Watling Street at Wingfield Bank (ibid.). It seems probable that Pepper Hill acted as the public burial ground for the middle and lower echelons of the Springhead population, whilst the most prominent families were buried in private family plots outside the town. The number of grave goods per grave at Pepper Hill did vary considerably, with the number of pottery vessels ranging between nil to eight per grave. There were also three to five casket burials, usually associated with high status burial, and one female inhumation (10520) was buried with exotic gold-in-glass beads, bracelets and a finger ring. However, on the whole, the burials at Pepper Hill did not show the wealth of pyre or grave goods seen in the two burial grounds mentioned above, and can reasonably be seen as a burial ground for the lower and middle classes. A similar pattern of social differentiation in burial sites was present at Puckeridge, Herts., where one large cemetery and two smaller high status burial grounds served the Roman town (Partridge 1981, 246).

5.2 The act of cremation

Evidence for the act of cremation on site was found in the discovery of a tight cluster of 13 pyre sites within the cemetery precinct, and redeposited pyre debris within features. *Busta* were also clustered in the same central area of the cemetery. There was little evidence for permanent crematoria at the site. Pyre sites were shallow scoops, with two having T-shaped flues to aid circulation of air beneath the pyre. Firewood was arranged above these under-pyre constructions. All pyre sites that could be dated with precision dated to the early Roman period (pre-120 AD). This begs the question of where cremation was carried out in the remaining 140 years of cremation burial. Either the act of cremation was moved away from the cemetery, or pyre design changed over time to shallower under-pyre scoops and under-draught flues (which were completely obliterated by later soil disturbance), or to pyres built on the ground surface itself. Although pyre debris was found deposited in many graves and in

one large pit, the quantity of this material is insignificant compared to deposits excavated at the Eastern cemetery, London (McKinley 2000, 60).

Cremation is a relatively expensive but efficient means of disposing of the dead. It also held important ideological significance to the Romans as an act of purification, through which the deceased was transformed from a polluted corpse to an ancestor that could be received into the afterlife in a strengthened and cleansed state (Pearce 1998, 105). The act of cremation and the burial of cremated remains afterwards, were also opportunities for social display by the mourners, in terms of pyre and grave goods, but also the conspicuous consumption of food and drink in funerary feasts before, during and after the cremation (Williams 2004, 419). Through these rituals the living could create memories and sustain relationships (albeit transformed) between the living and the dead, and renegotiate social relationships between the living (*ibid*, Pearce 1998). The spectacle appeared to be an important aspect of the rite of cremation, in which all the senses were involved, and clearly was designed to impress upon the memory of the mourners.

The number of non-ceramic pyre goods exceeded grave goods at Pepper Hill, and showed considerably more variety. The dead were placed supine on a bier, or directly on the firewood of the pyre. Melted metalwork and blue-green staining on the upper body revealed that frequently the dead were arrayed in finery that included copper alloy and glass jewellery, with worked bone pins holding hairstyles in place. Fewer objects of adornment were placed in the grave afterwards. This may suggest that the rite of cremation was deemed more important than the rite of burial. Alternatively, it is possible that individual choice of objects was wider in the cremation phase, but more restricted for burial, and that a narrower selection of desirable grave goods was deemed more important.

Iron nails suggest that sometimes the corpse were laid out on a bier, but at Pepper Hill there is no evidence for ornately decorated biers (as was seen at Brougham, Cumbria (Cool 2000, 440-441)). Pyre goods included animal joints, most commonly of pig and domestic fowl, but also sheep/goat and cattle (Kitch, this volume). It is unclear if these were food offerings for the dead and/or part of a graveside funerary feast. A complete carcass of a pig appear to have been placed on the pyre and may well have constituted a graveside sacrifice, as described by Roman historians (Lindsay 1998). Charred plant residues included cereals, grapes, beans, fig and lentils, the last two being exotic imports from the Continent (Davis, this volume).

Challinor (2006) identified hawthorn charcoal or similar that might be used for kindling, as well as oak and ash that constituted the main fuel of the pyre. One grave (11801) had *prunus* species (cherry or blackthorn) charcoal. This wood was also selected in cremations at Brougham (Cool 2004, 441). It is probable that this wood was chosen deliberately for the pleasant aroma it releases on burning. Together with perfumes from unguent bottles and

aromatic resins placed on the funerary pyre, the cooking joints of meat and the scent of the burning corpse must have acted powerfully on the senses of mourners at the cremation (Williams 2004, 423). Together with the singing, music, lamentations, eating and drinking, these scents would have had a potent effect on the emotional state of the mourners, linking the participants in a collective memory from which new social relationships between the living could be negotiated (*ibid*).

The majority of cremated bone in the Pepper Hill assemblage was well calcined, suggesting that sufficient firewood was present to cremate most bodies fairly thoroughly. Cremation at Pepper Hill appeared more efficient than in urban sites, such as London (McKinley 2000a), but less successful overall than cremations at Brougham (McKinley 2004). This finding is suggestive of the availability, and hence, cost of firewood in these different locales.

5.3 Cremation burial

Cremation burials at Pepper Hill were generally simple affairs, with grave goods principally composed of pottery vessels. An average of 1.8 vessels per burial at Pepper Hill compares unfavourably with other burial sites in Kent and the south-east of England (Biddulph, this volume). Cinerary urns and ancillary vessels were principally composed of everyday local wares, though some vessels were more exotic (eg samian). These wares are also indicative of wide distribution networks linking Springhead within Britain and with the greater Roman Empire. At least two casket burials were present on the site, suggesting a high status burial. However, overall the majority of cremation burials at Pepper Hill are of the poor and 'middling sort', occasionally interspersed with more wealthy burials (*ibid.*). Deposition of the cremated remains within ceramic vessels occurred in 53% of cremation burials. The lack of an orderly stratigraphic arrangement of body parts within all but seven urns suggests that following cremation the remains were raked together, and then the bone was picked out for burial. Very few deposits are of sufficient weight to suggest an attempt at collecting all cremated bone for burial or that particular body parts were preferentially selected or excluded.

Osteologically, the cremated remains from Pepper Hill offered a rare opportunity to analyse a large and complete assemblage. In keeping with other sites of the period, no neonates were present, and infants and children were under-represented. This dearth in part may be ideological and in part taphonomic. In contrast to most cremation assemblages there were considerably more males than females in the assemblage. The reason for this bias is not immediately apparent, but may indicate the presence either of soldiery, male pilgrims or a large trading fraternity based at Springhead. Unfortunately, too small a number of adult inhumations could be sexed to indicate any sexual bias in those that were cremated and those that were inhumed.

Interesting demographic differences in age exist between the inhumation and cremation assemblages. Neonates were absent from both assemblages, and infants and children were under-represented. Undoubtedly taphonomy played a key role in the dearth of these remains, (particularly in inhumations) but the presence of neonates within the settlement of Springhead indicates an alternative burial rite for newborns. A noticeable difference in the mean age at death of adults exists between the two assemblages, with inhumations dying on average 10-15 years before cremations. This trend has been observed elsewhere, and may indicate a slight preference for cremating older members of society and inhumating younger ones, although it must be emphasised that all adult age groups are represented in both traditions.

5.4 Busta

One unusual and intrusive funerary rite are the seven *busta*, dating to the first century AD. Their presence in the cemetery of a small town is unexpected, most previous examples being associated with large towns and/ or military sites. Diagnosis of *busta* is often problematic with many pyre sites being erroneously identified as *busta* by the excavators (McKinley 2000c). Nevertheless, an increasing number of convincing examples have been found in Britain in recent years, several in rural settings. It would appear that whilst these features do appear to concentrate at forts and large towns, there is increasing archaeological evidence for a wider, more complex distribution not previously recognised. The Germanic origin of *busta* makes their presence at Pepper Hill particularly interesting. The possibility of an early 1st century AD military presence at Springhead has been tentatively suggested (Smith 2004, 4), and does coincide neatly with the tight temporal distribution of *busta* in the mid-late 1st century AD. However, only one individual feasibly could have been a Germanic auxillary, the remainder of this group being female or adolescent. It is, of course, possible that these civilians were part of a 'baggage train' that traditionally follow armies. Alternatively, they may be foreign pilgrims visiting the temple complex at Springhead, too late to benefit from the healing powers of the waters.

5.5 Cenotaphs

There was a complete absence of human bone within 18 features, otherwise interpreted as cremation graves. Eight of these that had suffered little post-depositional disturbance may well have been cenotaphs. All but one dated to the early and early -mid Roman periods. Due to the exceedingly poor bone preservation, the number of cenotaphs in the inhumation graves cannot be assessed. Cenotaphs found on other Romano-British sites also attest to the importance of a place to provision the dead with grave goods, and to remember them, even in the absence of their physical remains.

5.6 Inhumation burial

Inhumation burial was practised at Pepper Hill throughout its use as a cemetery. Considerable information about these burials has been lost with the chemical destruction of the skeleton. As far as could be detected, the majority of bodies were laid out supine and extended, and were orientated north-south, referencing the enclosure ditch of the cemetery. Sand stains and coffin nails indicate that a large proportion of inhumations were buried within rectangular wooden coffins. Unlike the stone walled burial ground located nearby, no high status sarcophagi of stone or lead were present at Pepper Hill.

Grave goods comprised principally of ceramic vessels, with few graves indicating high status. The exceptions were two to four box or casket burials, and one female was buried with exotic jewellery including gold-in-glass beads, provenanced to the German frontiers. Other grave goods are restricted to copper alloy brooches, bracelets and finger rings, hobnailed boots and glass unguent bottles.

6 CONCLUSION

The Pepper Hill human bone assemblage is one of the largest from Roman Kent, and allows important comparisons with other major assemblages in Britain. Although the site is unique in high proportion of inhumation to cremation burials, poor bone preservation has greatly reduced the osteological potential, particularly of the former. The assemblage represents the middling to poorer classes of the small town/ shrine site of Springhead, with exotic elements from the wider Empire evident in the seven busta and the presence of exotic pyre and grave goods.

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APPENDIX 1: CATALOGUE OF HUMAN BONE**ARC PHL 97**

CONTEXT NUMBER: 45

Urned burial

SKULL:

Left mastoid process, internal occipital protuberance, left zygomatic arch

78 vault fragments

AXIAL SKELETON:

Innominate: Right ischial tuberosity with acetabulum fragment, left acetabulum fragment, 3 iliac crest fragments, 1 left anterior superior iliac spine, 2 acetabulum fragments, 3 iliac blade fragments.

Ribs: 49 rib fragments

Atlas: posterior arch fragment and dens facet fragment

Axis: Dens

Cervical: C 5-7, with moderate pitting of the surface and moderate osteophyte formation at the margins. 2 cervical bodies, spinous process, left superior and inferior articular process with lamina fragment.

Lumbar: Lumbar vertebral body.

Sacrum: 1st sacral element.

UPPER LIMB:

Humerus: left proximal shaft fragment, right distal shaft fragment, anterior surface, right trochlea fragment, 5 shaft fragments, head fragment.

Ulna: Left proximal ulna shaft fragment, right trochlea notch fragment.

Hand: 2 Phalanx fragment

LOWER LIMB:

Femur: 9 shaft fragments

Tibia: 6 shaft fragments

Fibula: 1 fibula shaft fragment

Foot: Head of 1st metatarsal, shaft of a metatarsal, left lateral cuneiform, cuboid fragment

AGE: Cranial sutures either unfused or stage 1.

SEX: Female

PATHOLOGY SUMMARY: C 5-7: moderate pitting of the vertebral joint surfaces and moderate osteophyte formation at the margin

PYRE GOODS: None

CREMATION SUMMARY: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction. 2 small rib fragments, 2 fibula fragments, 2 vertebral body fragments are grey.

ARC PHL 97

CONTEXT NUMBER:

47

Redeposited pyre debris

SKULL:

Right zygomatic arch fragment

18 vault fragments

AXIAL SKELETON:

Innominate: 2 iliac crest fragments, 7 iliac blade fragments, 2 acetabulum fragments

Ribs: 3 body fragments.

Cervical: 2 fragments of superior and inferior articular process

Thoracic: 2 superior process fragments

Lumbar: 2 superior body fragment, 1 superior process fragment

UPPER LIMB:

Clavicle: 1 fragment.

Hands: 1 phalanx fragment

LOWER LIMB:

Femur, 1 shaft fragment

Tibia: 2 anterior border fragments, 1 shaft fragment

Fibula: 2 shaft fragment

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER:

58

Urned burial

AXIAL SKELETON:

1 vertebral body fragments.

LOWER LIMB:

Femur: Proximal shaft of femur fragment

Tibia: 1 tibia shaft fragment

AGE: Adult??

SEX: Female??

CREMATION SUMMARY: Iron nails? present in the residue sample.

COMMENTS:

The adult remains consisted of 3 identified fragments and a couple of unidentified long bone fragments. 2 individuals, mainly subadult bones. All residues have been put together with the subadult totals.

ARC PHL 97

CONTEXT NUMBER:

58

Urned burial

SKULL:

petrous portion fragment
11 cranial vault fragments.

AXIAL SKELETON:

1 rib fragment

Thoracic: 1 pedicle

AGE:

Infant (child aged below 6)

SEX:

unknown

CREMATION SUMMARY:

Corroded iron nails present in residue sample number 4. Possible indicative of a box (organic container) which would have held the bones.

COMMENTS: 2 individuals, mainly subadult bones. Residues contained unidentified subadult bones only.

ARC PHL 97

CONTEXT NUMBER:

64

Urned burial

SKULL:

Teeth: 2 root fragment from molars

Right petrous portion, left zygomatic fragment, 3 fragments of frontal bone, 1 occipital fragment,
113 cranial vault fragments.

AXIAL SKELETON:

Innominate: Left acetabulum, 1 acetabulum fragment, auricular surface fragment

Ribs: 5 rib fragments, 1 right rib fragment

Thoracic: 3 vertebral body, 1 spinous process

Lumbar: Spinous process

5 vertebral body fragments.

UPPER LIMB:

Humerus: 3 shaft fragments, 2 trochlea fragments, 2 capitulum fragments.

LOWER LIMB:

Femur: 4 femoral shaft fragment

Tibia: 1 proximal articular surface fragment

Fibula: 2 shaft fragment

AGE: 40-45

SEX: Based on auricular surface fragment. Appears raised above the surface of the bone

Female??

PATHOLOGY SUMMARY: Slight porosity on the capitulum, distal humerus

PYRE GOODS: None

CREMATION SUMMARY: Femur shaft fragments, anterior surface. 2 fragments black and 4 fragments white with black core.

COMMENTS:

2mm fraction also present in unsorted residue

ARC PHL 97

CONTEXT NUMBER:

70

Urned burial

SKULL:

3 cranial vault fragments.

AXIAL SKELETON:

2 vertebral body fragments.

AGE: Adult

SEX: Unknown

ARC PHL 97

CONTEXT NUMBER:

70

Urned burial

Spit 1

SKULL:

Mandible: Mental protuberance (F), 1 left body fragment, 2 body fragments, 1 molar, possibly 2nd molar (crown heavily worn)
2 frontal bone fragments, foramen magnum fragment, temporal bone fragment

5 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 iliac blade fragments

Ribs: 1 body fragment

Atlas:

Cervical: Body of C7

Thoracic: Right superior articular process, 2 body fragments

Lumbar:

1 vertebral body fragments.

UPPER LIMB:

Clavicle: Right lateral end fragment

Humerus: right and left capitulum fragment, trochlea fragment

Ulna: 1 right proximal shaft fragment

LOWER LIMB:

Femur: Right proximal shaft fragment, 1 shaft fragment, 1 condyle fragment

Tibia: 1 shaft fragment, lateral side, 1 anterior border fragment

Fibula: 1 shaft fragment

AGE: Dental wear of molar indicates an old individual over 50.

SEX: Female??

PATHOLOGY SUMMARY:

Ante-mortem tooth loss of 1st and 2nd left mandibular molars. C7: Considerable pitting of the vertebral joint surface, moderate osteophyte formation at the joint margins. Moderate pitting of 2 costal facets.

CREMATION SUMMARY: Right proximal ulna: black

COMMENTS: Moderate to small amount of bone in the residue

ARC PHL 97

CONTEXT NUMBER:

70

Urned burial

Spit 2

SKULL:

1 frontal bone fragment, root fragment from a molar.

12 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac crest fragment

Ribs: 5 body fragments

Cervical: 1 body fragment

Thoracic: Right superior articular process

5 vertebral body fragments, 1 pedicle

UPPER LIMB:

Humerus: Head of humerus fragment

Hands: 2 metacarpal fragments, 1st metacarpal fragment

LOWER LIMB:

Femur: Proximal shaft fragment, femoral head fragment

Foot: Right and left 3rd cuneiforms, phalanx fragment

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None observed

PYRE GOODS: 1 animal bone fragment (cattle tooth fragment?)

COMMENTS: 1 vertebral body fragment, 1st metacarpal fragment and 2 metacarpal fragments were black, 6 unidentified fragments (ulna shaft or fibula)

ARC PHL 97

CONTEXT NUMBER:

70

Urned burial

Spit 3

SKULL:

Left petrous portion

6 cranial vault fragments.

AXIAL SKELETON:

Ribs: 3 body fragments

Cervical: 1 vertebral body

Thoracic: 1 vertebral body, 1 superior articular process

2 vertebral body fragments, 1 pedicle

UPPER LIMB:

Humerus: 1 shaft fragment

Ulna: Right trochlea notch

LOWER LIMB:

Femur: 1 proximal femur shaft fragment, 1 condyle fragment,

Tibia: 1 shaft fragment

Fibula: 3 shaft fragments

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Thoracic body: Moderate porosity

PYRE GOODS: 4 animal bone (black)

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER:

70

Urned burial

Spit 4

SKULL:

2 cranial vault fragments.

AXIAL SKELETON:

Atlas: superior articular surface fragment

Lumbar: 1 body fragment

UPPER LIMB:

Scapula: Fragment of left glenoid fossa and lateral border

Ulna: Proximal shaft fragment

Hands:

LOWER LIMB:

Femur: Femoral shaft fragment with linea aspera

Tibia: 2 shaft fragments with anterior border, 2 fragments with lateral border

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Moderate porosity on lumbar fragment

PYRE GOODS: None

ARC PHL 97

CONTEXT NUMBER:

70

Urned burial

Spit 5

SKULL:

13 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 sciatic notch (M) with small auricular surface fragment (M), iliac crest fragment.

Ribs: 3 body fragments

Cervical: 1 body

Thoracic: 1 body, 1 fragment of a body

Sacrum: 1 sacral segment fragment

2 vertebral body fragments, 2 pedicles.

UPPER LIMB:

Scapula: Coracoid process

Humerus: 2 shaft fragments

Ulna: Proximal shaft fragment

LOWER LIMB:

Femur: 2 distal shaft fragments

Tibia: 1 proximal shaft fragment, 1 proximal articular surface fragment, 1 anterior border fragment

Fibula: 3 shaft fragments

AGE: Adult

SEX: Male?

PYRE GOODS: 7 animal bone fragments

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER:

70

Urned burial

Spit 6

SKULL:

Petrous portion fragment

2 cranial vault fragments.

AXIAL SKELETON:

Innominate:

Ribs: 3 body fragments

Thoracic: 1 body, 2 superior processes.

Lumbar: 1 body

Sacrum: 2 1st sacral element fragment

5 vertebral body fragments.

LOWER LIMB:

Tibia: 1 lateral border shaft fragment, 1 anterior border shaft fragment.

AGE: Ageing Adult

SEX: Unknown

PATHOLOGY SUMMARY: Thoracic vertebral body; Moderate pitting, Lumbar; moderate pitting and osteophyte formation,

sacrum: moderate pitting and osteophyte formation

COMMENTS: Minimal amount of stones in the 2 mm category

ARC PHL 97

CONTEXT NUMBER:

70

Urned burial

Spit 7

AXIAL SKELETON:

Innominate:

Ribs: 1 body fragment

Lumbar: 2 body fragments

8 vertebral body fragments .

LOWER LIMB:

Femur: 1 shaft fragment

Tibia: 1 superior articular surface fragment

Foot: 1 cuboid fragment

AGE: Ageing Adult

SEX: Unknown

PATHOLOGY SUMMARY: Lumbar and vertebral body fragments: Moderate pitting and osteophyte formation.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contains small amounts of bone.

ARC PHL 97

CONTEXT NUMBER:

73

Redeposited cremated remains

SKULL:

Teeth: Maxillary left canine root.

AGE: Adult

SEX: Unknown

CREMATION SUMMARY:

All fragments white. Unidentified long bone fragments also present.

SITE: ARC PHL 97

CONTEXT NUMBER:

79

Redeposited cremated remains

SKULL:

1 cranial vault fragment

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None seen

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

90

Urned burial

SKULL:

Mandible: Right condyle fragment.

2 occipital bone fragments (M?), left temporal fragment.

70 cranial vault fragments.

AXIAL SKELETON:

Rib: 12 body fragments.

Atlas: Right superior and inferior articular facets fragment.

3 vertebral body fragments.

UPPER LIMB:

Humerus: Shaft fragment.

Radius: Head fragment, unsided. Shaft fragment.

LOWER LIMB:

Femur: 3 proximal end, posterior side shaft fragments, 2 postero-distal shaft fragments, 1 shaft fragment.

Tibia: Postero-proximal shaft fragments, 2 anterior border fragment.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Male ??

PATHOLOGY SUMMARY: Parietal fragments, moderate porosity.

Vertebral body fragment, slight osteophyte formation and porosity of the joint surface.

PYRE GOODS: None

CREMATION SUMMARY: 3 proximal femur shaft fragments are light grey.

COMMENTS: 2mm residues contained small amount of unidentifiable bone.

ARC PHL 97

CONTEXT NUMBER

95

Urned burial

SKULL:

Occipital fragment (M?).

15 cranial vault fragments.

AXIAL SKELETON:

Innominate: 6 iliac blade fragments.
 Rib: 2 left rib fragment, 1 body fragment.
 Cervical: 1 spinous process.
 4 vertebra fragments.
 UPPER LIMB:
 Humerus: 2 proximal shaft fragment.
 Radius: 4 shaft fragments.
 LOWER LIMB:
 Femur: Shaft fragment.
 Tibia: 1 shaft fragment.
 Fibula: 2 shaft fragment.
 AGE: Adult
 SEX: Unknown
 PATHOLOGY SUMMARY: Parietal fragment, slight porosity.
 PYRE GOODS: None
 CREMATION SUMMARY: 1 small piece of charcoal in the 2 mm category
 COMMENTS: Residue contains moderate amount of unidentified cremated bone fragments.

ARC PHL 97

CONTEXT NUMBER

103

Unurned burial

SKULL:

Mandible: Left coronoid process, body fragment, lingual surface with tooth sockets, left ramus fragment, posterior border of ramus fragment.

Right temporal fragment with parietal notch, occipital bone fragment, right zygomatic bone, left frontal border and temporal border of the zygomatic bone, left zygomatic arch fragment.

103 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 right body fragment, 5 body fragments.

Axis: Dens, 1 superior articular surface fragment.

Cervical: 1 body fragment.

Thoracic: 1 left superior articular process, 1 right superior articular process, 1 transverse process.

Lumbar: 1 body fragment, 1 left superior articular process, 1 superior articular process fragment, 1 left inferior articular process, 1 right inferior articular process, 1 inferior articular process.

9 vertebral body fragments.

UPPER LIMB:

Scapula: 2 lateral border fragments.

Humerus: 3 shaft fragments, 1 proximal shaft fragment, capitulum fragment.

Ulna: Distal articular surface.

Hands: Left lunate, scaphoid fragment, 2 distal ends of metacarpals.

LOWER LIMB:

Femur: 12 shaft fragments with linea aspera, 3 proximal shaft fragments.

Tibia: 7 shaft fragments with anterior border, 3 shaft fragment, lateral border.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 Fe nail present

CREMATION SUMMARY: All bones are white

COMMENTS: Large quantity of 2 mm residue containing small amount of unidentified bone.

ARC PHL 97

CONTEXT NUMBER:

106/73

SKULL:

Teeth: Left first maxillary premolar, 1 single root, 1 root fragment from a molar.

1 orbital roof fragment

37 cranial vault fragments.

AXIAL SKELETON:

Innominate:

Ribs: 3 body fragments

Axis: Fragment of the inferior vertebral body

Cervical: 1 vertebral body fragment

Thoracic: Spinous process, left superior articular process, right superior articular process

2 vertebral body fragments.

UPPER LIMB:

Humerus: 2 shaft fragments, capitulum fragment

Ulna: Left proximal shaft fragment

Hands: 1 phalanx fragment, 2 metacarpal fragment

LOWER LIMB:

Femur: 1 linea aspera fragment

Tibia: 2 anterior border fragment, 2 shaft fragments

Fibula: 7 shaft fragments

Foot: 1 right metatarsal fragment

AGE: Adult
 SEX: Unknown
 COMMENTS:
 2 mm fraction in the residue

ARC PHL 97

CONTEXT NUMBER:

106

Urned burial

SKULL:

Mandible: Right and left coronoid processes

Maxilla: 1 fragment with alveolar process

Teeth: 1 canine root, right first mandibular premolar, 1 right maxillary molar root (3rd?), 3 single roots, 1 root fragment from a mandibular molar.

Right and left petrous portion, right temporal fragment with post glenoid tubercle and mandibular fossa, 1 mandibular fossa fragment, 2 left zygomatic arch fragments, left mastoid fragment, left zygomatic fragment, vomer fragment

40 cranial vault fragments.

AXIAL SKELETON:

Innominate: 3 acetabulum fragments, 2 iliac crest fragments

17 rib fragments, 1 right rib fragment

Atlas: Left superior and inferior articular surfaces

Cervical: 1 complete body, 1 body fragment

1 vertebral body fragments.

UPPER LIMB:

Humerus: Head of humerus fragment, shaft fragment,

Hands: 3 fragments from 3 metacarpals, 2 fragment from 2 phalanges

LOWER LIMB:

Femur: 9 fragments with linea aspera, 4 shaft fragment, 1 condyle fragment, 1 proximal shaft fragment.

Tibia: 1 articular surface fragment, 5 anterior border fragments, 2 interosseous border fragments, 4 medial border fragments.

Fibula: 2 shaft fragments

Foot: 1 talus fragment, 2 fragments of 2 metatarsals, 1 phalanx fragment

AGE:

Cranial suture closure: site 5: score 2-3. Age; 47-49

SEX:

Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

112

Cremation related deposit

SKULL:

28 cranial vault fragments.

AXIAL SKELETON:

Innominate: Sciatic notch fragment, left side (F?)

Rib: 1 body fragment.

5 vertebral body fragments.

UPPER LIMB:

Humerus: Shaft fragment, left capitulum fragment.

LOWER LIMB:

Tibia: Anterior border fragment.

AGE: Adult

SEX: Female ??

PATHOLOGY SUMMARY:

Moderate pitting on cranial fragments.

PYRE GOODS: None

CREMATION SUMMARY: All fragments white

COMMENTS: 2 mm fraction retained as residue. Contains moderate amount of unidentified bone.

ARC PHL 97

CONTEXT NUMBER

120

Urned burian

Spit 0

SKULL:

2 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: White

COMMENTS: Residue contained small amount of unidentified bone fragments

ARC PHL 97

CONTEXT NUMBER

120

Urned burial

Spit 1

SKULL:

5 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contained small amount of unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

120

Urned burial

Spit 2

SKULL:

3 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contained small amount of unidentified bone fragments

ARC PHL 97

CONTEXT NUMBER

120

Urned burial

Spit 3

SKULL:

24 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All fragments white

COMMENTS: Residue contained moderate amount of unidentified bone fragments

ARC PHL 97

CONTEXT NUMBER

120

Urned burial

Spit 4

SKULL:

Mandible: 1 body fragment

Teeth: 2 crown fragments, 2 root fragments, possibly mandibular molar roots

3 occipital fragments (F??).

59 cranial vault fragments.

UPPER LIMB:

Hands: 1 distal phalanx

AGE: Adult

SEX: Female ??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 1 unburnt fish bone. 2 mm fraction retained as residue and contained small amount of unidentified bone fragments

ARC PHL 97

CONTEXT NUMBER

120

Urned burial

Spit 5

SKULL:

19 cranial vault fragments.

AXIAL SKELETON:

Innominate: Iliac blade fragment.

Rib: 8 body fragments.

Cervical: 1 body fragment.

Thoracic: 2 superior articular processes.

1 vertebral body fragments.

UPPER LIMB:

Scapula: 2 Lateral border fragments.

Humerus: 2 shaft fragments.

Hands: Head of metacarpal.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All fragments white.

COMMENTS: 2 mm category retained as residue. Contains high proportion of unidentifiable fragments.

ARC PHL 97

CONTEXT NUMBER

120

Urned burial

Spit 6

SKULL:

Mandible: 1 body fragment.

Teeth: 6 crown fragments, 2 molar root fragment.

Sphenoid body fragment.

40 cranial vault fragments.

AXIAL SKELETON:

Innominate: Iliac crest fragment.

Rib: 9 body fragments.

Cervical: 1 body fragment, 1 articular surface fragment.

Thoracic: 3 superior processes.

2 vertebral body fragments.

UPPER LIMB:

Humerus: 2 shaft fragments.

Ulna: 3 shaft fragments.

Hands: 1 phalanx, 1 metacarpal shaft fragments, 1 metacarpal head fragment.

LOWER LIMB:

Tibia: 1 lateral border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All fragments are white

COMMENTS: 2 mm fraction retained as unsorted residue. Contains high proportion of bone fragments

ARC PHL 97

CONTEXT NUMBER

120

Urned burial

Spit 7

SKULL:

Mandible: Body fragment with alveolar margin.

Teeth: Left 2nd molar, 2 molar root fragment, molar crown fragment, 10 crown fragments.

Zygomatic process fragment, right petrous portion, 2 frontal bone fragments, zygomatic arch fragment.

12 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 fragment.

Rib: 5 body fragments.

Atlas: Dens facet

Axis: Near complete, lamina and spinous process missing.

Thoracic: 2 bodies, superior articular process

Lumbar: inferior articular process

10 vertebral body fragments.

UPPER LIMB:

Scapula: Lateral border fragment.

Ulna: Trochlea notch fragment.

Hands: 3 phalanx fragments, 2 metacarpal fragments.

LOWER LIMB:

Femur: 2 Shaft fragment, posterior side with linea aspera, condyle fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Thoracic vertebral body; Considerable pitting.

PYRE GOODS: None

CREMATION SUMMARY: All fragments are white

COMMENTS: 2 mm fraction retained as unsorted residue. Contains high proportion of bone fragments

ARC PHL 97

CONTEXT NUMBER

120

Urned burial

Spit 8

SKULL:

1 cranial vault fragments.

AXIAL SKELETON:

Innominate: Iliac crest fragment.

Rib: 7 body fragments.

Cervical: 1 body.

Thoracic: 2 body fragments, 1 superior articular process, 1 inferior left articular process.

Lumbar: 1 superior process, 1 left inferior articular process.

6 vertebral body fragments, 1 lamina fragment.

UPPER LIMB:

Humerus: 1 proximal shaft fragment, 1 capitulum fragment, 1 shaft fragment.

Ulna: 2 distal shaft fragment.

Radius: 1 distal shaft fragment.

LOWER LIMB:

Femur: Proximal shaft fragment, 6 shaft fragments with linea aspera

Tibia: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All fragments are white

COMMENTS: 2 mm fraction retained as unsorted residue. Contains high proportion of bone fragments.

ARC PHL 97

CONTEXT NUMBER

120

Urned burial

Spit 9

AXIAL SKELETON:

Innominate: Acetabulum fragment, 1 fragment.

Thoracic: 2 bodies, 1 left superior process, 1 right superior process.

Lumbar: 1 body, 1 superior articular process.

3 vertebral body fragments.

UPPER LIMB:

Hands: 1 phalanx fragment, 1 distal phalanx.

LOWER LIMB:

Femur: 6 shaft fragments. 2 condyle fragments.

Fibula: 2 shaft fragment.

Foot: 1 phalanx for 1st digit.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm fraction retained as unsorted residue. Contains high proportion of bone fragments.

ARC PHL 97

CONTEXT NUMBER

120

Urned burial

Spit 10

AXIAL SKELETON:

Innominate: 2 iliac crest fragments, 1 acetabulum fragments.

Rib: 2 body fragments.

Thoracic: 2 left inferior articular process.

1 vertebral body fragments.

UPPER LIMB:

Hands: 1 phalanx fragment.

LOWER LIMB:

Femur: 2 distal shaft fragments, femoral condyle fragment, 4 shaft fragments.

Tibia: Proximal articular surface fragments, 4 shaft fragments.

Fibula: 2 shaft fragments.

Foot: Distal phalanx for 1st digit.

AGE: Adult

SEX: Strong and large linea aspera, acetabulum fragment appears large, suggests male.

PATHOLOGY SUMMARY: Vertebral fragment, moderate osteophyte formation.

PYRE GOODS: None

CREMATION SUMMARY: All fragments are white.

COMMENTS: 2 mm fraction retained as unsorted residue. Contains high proportion of bone fragments.

ARC PHL 97

CONTEXT NUMBER

120

Urned burial

Spit 11

AXIAL SKELETON:

Innominate: Auricular surface fragment (M??).

Rib: 1 body fragment..

LOWER LIMB:

Femur: Head fragment, 3 shaft fragments.

Tibia: 3 shaft fragments.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Male ??

PATHOLOGY SUMMARY: None

PYRE GOODS:

Sheep/goat scapula

CREMATION SUMMARY: All white

COMMENTS: 2 mm fraction retained as unsorted residue. Contains high proportion of bone fragments.

ARC PHL 97

CONTEXT NUMBER

120

Urned burial

Spit 12

LOWER LIMB:

Tibia: 5 shaft fragments.

Fibula: 2 proximal shaft fragments.

Foot: Head of 1st metatarsal, distal phalanx of 1st digit, 2 metatarsal shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All fragments were white.

COMMENTS: 2 mm fraction retained as unsorted residue. Contains high proportion of bone fragments.

ARC PHL 97

CONTEXT NUMBER

132

Urned burial

SKULL:

Teeth: 1 crown fragment.

Right zygomatic, frontal process. Anterior rim of foramen magnum fragment.

23 cranial vault fragments.

AXIAL SKELETON:

Innominate: Right ischial tuberosity fragment, upper part. Iliac crest fragment, acetabulum rim fragment.

Rib: 9 body fragments.

Thoracic: 2 vertebral body fragment with superior processes.

1 vertebral body fragments.

UPPER LIMB:

Hands: 2 metacarpal fragments.

LOWER LIMB:

Femur: 2 proximal shaft fragments.

Tibia: 5 shaft fragments with anterior border.

Fibula: 1 shaft fragment.

Foot: 1 cuboid fragment, unsided.

AGE: Adult

SEX: Based on the male appearance of the ischial tuberosity.

Male??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contains high amount of unidentified cremated bone fragments.

ARC PHL 97

CONTEXT NUMBER

134

Redeposited pyre debris

SKULL:

1 temporal bone fragment.

13 cranial vault fragments.

AGE: Unknown

SEX: Unkonwn

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white. Some fragments slightly eroded.

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

138

Urned burial

SKULL:

Mandible: Right and left condyle, 1 mandibular body fragment with partial tooth socket. Left coronoid process and anterior ramus border, fragment of lingual part of the alveolar margin

Maxilla: 1 fragment with partial tooth sockets

Teeth: Roots of the maxillary second premolar, right and both third molars. 7 root fragments from molars and 4 single roots, 3 tooth enamel fragments.

2 orbital roof fragments, right and left petrous portions, 3 frontal bone fragments, 2 temporal bone fragment, zygomatic bone fragment, right zygomatic arch fragment, right and left nasal bones, left superior margin fragment of the external acoustic meatus.

117 cranial vault fragments.

AXIAL SKELETON:

Innominate: Left auricular surface, fragment of right auricular surface. 9 iliac blade fragments

Rib: 2 right rib fragment 26 body fragments.

Atlas: Dens facet, fragment of an inferior and a superior articular surface

Cervical: 1 vertebral body.

Thoracic: 5 right superior articular processes, 3 left superior articular processes. 1 fragment of lamina. 1 right inferior articular process.

Lumbar: 3 left superior articular processes, 3 right superior articular processes, 4 left inferior articular processes, 1 right inferior articular process.

5 vertebral body fragments.

UPPER LIMB:

Humerus: 3 humeral head fragments, 1 distal right humerus fragment, 5 shaft fragments, and right capitulum fragment, 1 capitulum fragment.

Ulna: 1 proximal shaft fragment.

Radius: 1 proximal shaft fragment.

Hands: 5 heads of metacarpals, 3 metacarpal shaft fragments, 9 phalanx fragments, left lunate, left scaphoid

LOWER LIMB:

Femur: Right and left femoral neck with part of lesser trochanter. 6 femoral condyle fragments. 3 shaft fragments.

Tibia: 3 fragments of anterior border, 4 shaft fragment

Fibula: 7 shaft fragments

Foot: Head of first metatarsal

AGE: Apex of third molars are just completed: mean 20.9 years

Young Adult

SEX: Morphology of the auricular surface is male.

Male??

PATHOLOGY SUMMARY:

Orbital roofs: scattered fine foramina, healed cribra orbitalia.

PYRE GOODS:

Turquoise coloured staining on 14 fragments, (4 cranial vault fragments, 2 rib and 8 unidentified) in the 5 mm category and 30 unidentified fragments in the 2 mm category.

Small amount of iron also adhering to on of the cranial vault fragments and a vertebral lamina fragment.

Animal bones

CREMATION SUMMARY: All fragments are white

COMMENTS: All bones in 2 mm category retained as residues.

ARC PHL 97

CONTEXT NUMBER:

138 & 79

Urned burial

SKULL:

Tooth: second mandibular molar

2 fragments of the orbital part of the frontal bone, right and left mandibular fossa fragment, 1 temporal bone fragment.

26 cranial vault fragments.

AXIAL SKELETON:

2 left rib fragments, 3 shaft fragments

Thoracic: 1 left inferior process, 1 right inferior process

UPPER LIMB:

2 humerus shaft fragments

LOWER LIMB:

1 head of metatarsal

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY:

Slight porosity on a parietal fragment.

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

140

Redeposited cremated remains

SKULL:

4 cranial vault fragments.
LOWER LIMB:
Tibia: 1 anterior border fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

143

Redeposited cremated remains
LOWER LIMB:
Femur: 2 shaft fragments with linea aspera.
Foot: 1 proximal end of left 4th metatarsal.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

154

Cremation-related deposit
SKULL:
1 occipital fragment, 1 right zygomatic arch fragment.
10 cranial vault fragments.
AXIAL SKELETON:
Innominate: 1 acetabulum fragment.
Rib: 1 body fragment.
Thoracic: 1 inferior articular process, 1 superior articular process.
1 vertebral body fragments 2 articular processes, 1 pedicle.
UPPER LIMB:
Scapula: 1 glenoid fossa fragment.
Humerus: 1 shaft fragment.
Radius: 3 shaft fragments.
Hands: 1 phalanx fragment.
LOWER LIMB:
Femur: 1 shaft fragment with linea aspera.
Tibia: 1 anterior border fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All fragments white
COMMENTS: Large amount of 2 mm residues containing small amount of unidentifiable fragments.

ARC PHL 97

CONTEXT NUMBER

163

Cremation-related deposit
SKULL:
55 cranial vault fragments.
AXIAL SKELETON:
Innominate: Iliac blade fragment, auricular surface fragment.
Rib: 7 body fragments.
Atlas: Articular surface fragment.
Axis: Dens and body fragment.
Cervical: 1 body fragment
Thoracic: Left superior articular process, 2 superior articular processes.
4 vertebral body fragments.
UPPER LIMB:
Humerus: 2 shaft fragment.
Ulna: 2 shaft fragment.
Radius: 2 distal shaft fragment.
LOWER LIMB:
Femur: Femoral condyle fragment, 2 shaft fragment with linea aspera, 2 shaft fragments, postero-inferior side.
Tibia: 5 anterior border fragments, 1 posterior shaft fragment with soleus line, 1 lateral border fragment.
Fibula: 1 shaft fragment.
AGE: Auricular surface fragment estimated age: 30-39
SEX: Male ??
PATHOLOGY SUMMARY: None
PYRE GOODS: None

CREMATION SUMMARY: All fragments are white.
COMMENTS: 2 mm residues contain a small amount of unidentified bone.

ARC PHL 97

CONTEXT NUMBER

166

Cremation-related deposit

SKULL:

17 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

vertebral body fragments.

UPPER LIMB:

Humerus: Proximal shaft fragment

LOWER LIMB:

Tibia: 2 anterior border fragment

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS:

Animal bone with Fe staining.

CREMATION SUMMARY: All white

COMMENTS: 2 mm fraction within residue. Moderate amount of bone present.

ARC PHL 97

CONTEXT NUMBER:

176

Urned burial

Spit 1

SKULL:

Mandible: body fragment.

Left mastoid fragment.

5 cranial vault fragments.

AXIAL SKELETON:

2 vertebral body fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: High proportion of unidentified bone fragments in the residue.

ARC PHL 97

CONTEXT NUMBER:

176

Urned burial

Spit 2

SKULL:

1 cranial vault fragments.

LOWER LIMB:

Femur: 1 shaft fragment.

Tibia: 2 midshaft fragments, 1 proximal articular surface fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contains moderate amount of unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER:

176

Urned burial

Spit 3

SKULL:

Left zygomatic bone.

1 cranial vault fragments.

AXIAL SKELETON:

Ribs: 3 body fragments.

2 vertebral body fragments.

LOWER LIMB:

Femur: 2 femoral condyle fragments.

Tibia: Tibia shaft fragment with anterior border.

AGE: Adult

SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: High proportion of unidentified bone fragments in the residue.

ARC PHL 97

CONTEXT NUMBER

176

Urned burial

Spit 4

SKULL:

1 cranial vault fragments.

AXIAL SKELETON:

1 vertebral body fragments.

UPPER LIMB:

Radius: Shaft fragment.

LOWER LIMB:

Tibia: Proximal articular surface fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white, high proportion of spongy bone, cortical surface eroded on many fragments.

COMMENTS: Residue contains moderate amount of small unidentified bone.

ARC PHL 97

CONTEXT NUMBER

181

Urned burial

Spit 1

SKULL:

13 cranial vault fragments.

AGE: subadult

SEX: unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS:

The residue contains small amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

181

Urned burial

Spit 2

SKULL:

Teeth: Right and left premolar crown fragments, maxillary second premolar crown, 2 root fragments.

Right petrous portion fragment.

64 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 fragments

AGE: Maxillary crown near complete: 5-7 years.

SEX: Unknown

PATHOLOGY SUMMARY:

None

PYRE GOODS: Animal tooth

CREMATION SUMMARY: All fragments are white

COMMENTS: Most of 2 mm fraction in the residue. Contains large proportion of small bone fragments.

ARC PHL 97

CONTEXT NUMBER:

188

Urned burial

Spit 1

SKULL:

Mandible: Left mandibular ramus and body fragment

Left zygomatic process fragment

24 cranial vault fragments.

AXIAL SKELETON:

Ribs: 7 body fragments

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white
 COMMENTS: Residue contains considerable amount of small unidentified bone

ARC PHL 97

CONTEXT NUMBER:

188

Urned burial

Spit 2

SKULL:

Mandible: anterior part of the body of the mandible fragment.

Teeth: Root of maxillary deciduous molar, 3 root fragments of deciduous molar(s), crown of maxillary second premolar.

Left petrous portion fragment, sphenoid bone fragment, orbital roof fragment.

120 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 blade fragment.

Ribs: 29 body fragments.

Cervical: articular process fragment.

Sacrum: 1 sacral segment fragment.

1 vertebral body fragments, 6 vertebral fragments.

UPPER LIMB:

Humerus: Head of humerus.

Hands: 1st metacarpal, 1 phalanx fragment.

LOWER LIMB:

Femur: Head fragment.

Tibia: 2 shaft with anterior border fragments, 1 proximal shaft fragment.

Fibula: Shaft fragment.

AGE: Femoral head unfused: younger than 13.

The fully formed crown of the second maxillary premolar and the complete roots of the deciduous molar provide a dental age of 6-7 years.

SEX: Unknown

PATHOLOGY SUMMARY: Orbital roof: scattered fine foramina, type 2. Lesion is active. Cribra orbitalia

PYRE GOODS: Animal bone, bird?

CREMATION SUMMARY: 5 cranial fragments are silvery grey. 4 fragments of fuel ash slag (<1 g).

COMMENTS: 5 fragments of silvery grey cranial bone, subadult. are abraded and not the same colour as the vast majority of the cranial fragments. Are these residual? Residue consists of mainly small unidentified bone. Amount of stone is negligible.

ARC PHL 97

CONTEXT NUMBER:

188

Urned burial

Spit 3

SKULL:

Teeth: 2 fragments of mandibular deciduous molar roots, fragment of maxillary permanent central incisor crown, mandibular permanent 1st and 2nd premolar crowns.

Right petrous portion, sphenoid fragment, left side.

18 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 acetabulum fragment.

Ribs: 24 body fragments.

3 vertebral body fragments.

LOWER LIMB:

Femur: Right head and neck of femur, condyle fragment.

Fibula: Shaft fragment.

Foot: Calcaneus fragment, distal half of right 1st metatarsal.

AGE: Deciduous roots unabsorbed, premolar crowns fully formed, age: 6-7 years.

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Animal bone (Bird?)

CREMATION SUMMARY: All white

COMMENTS: Residue contains high proportion of unidentified bone

ARC PHL 97

CONTEXT NUMBER:

188

Urned burial

Spit 4

SKULL:

Teeth: Mandibular second premolar crown, permanent dentition.

2 cranial vault fragments.

AXIAL SKELETON:

Innominate: 3 iliac crest with blade fragments.

Ribs: 13 body fragments.

1 pedicle fragment.

LOWER LIMB:

Femur: Left neck of femur (proximal end of the femur), 1 shaft fragment.

Fibula: 1 shaft fragment.
AGE: Subadult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: Residue contain high proportion of unidentified bone.

ARC PHL 97

CONTEXT NUMBER:

188

Urned burial

Spit 5

SKULL:

Teeth: 1 root fragment.

3 cranial vault fragments.

AXIAL SKELETON:

Ribs: 5 body fragments.

Cervical: left superior and inferior articular processes.

LOWER LIMB:

Femur: Femoral condyle fragment.

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contain high proportion of unidentified bone

ARC PHL 97

CONTEXT NUMBER:

188

Urned burial

Spit 1

UPPER LIMB:

Hands: 1 proximal phalanx.

AGE: Adult

SEX: Size suggestive of female

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2nd individual in cremation of a subadult

ARC PHL 97

CONTEXT NUMBER:

188

Urned burial

Spit 2

SKULL:

Mandibular fossa fragment.

3 cranial vault fragments.

UPPER LIMB:

Hands: 1 phalanx fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Slight porosity on the mandibular fossa; Degenerative joint disease

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2nd individual in main subadult cremation

ARC PHL 97

CONTEXT NUMBER:

188

Urned burial

Spit 3

SKULL:

Teeth: Left maxillary second premolar root.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2nd individual in main subadult cremation

ARC PHL 97

CONTEXT NUMBER

202

Unurned burial

SKULL:

Mastoid fragment

10 cranial vault fragments.

AXIAL SKELETON:

Innominate: Iliac crest fragment.

Thoracic: Spinal process.

Lumbar: Left superior articular process.

UPPER LIMB:

Humerus: 2 shaft fragments.

Ulna: Right trochlea notch, 1 shaft fragment.

LOWER LIMB:

Tibia: Condyle fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Large amount of 2 mm residue containing small amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

202

Unurned burial

Spit 1

SKULL:

Mandible: 3 cranial vault fragments.

UPPER LIMB:

Hands: 1 phalanx fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm residue contained high proportion of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

202

Unurned burial

Spit 2

SKULL:

Maxilla: 1 fragment with tooth socket

Left zygomatic arch

28 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac blade fragment.

Rib: 11 body fragments.

Cervical: 1 body fragment.

Thoracic: 1 left superior articular process.

Lumbar: 1 left superior articular process.

8 vertebral body fragments, 2 pedicles

UPPER LIMB:

Humerus: 1 head fragment, 1 shaft fragment.

Ulna: 3 shaft fragments.

Radius: 1 shaft fragment.

LOWER LIMB:

Femur: 1 condyle fragment, 2 shaft fragments.

Tibia: 1 condyle fragment, 1 shaft fragment, lateral border.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm residue contained a high proportion of unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

202

Unurned burial

Spit 3

SKULL:

1 orbital rim fragment (Female ??), 1 zygomatic arch fragment

5 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac crest fragment, 1 acetabulum fragment, 2 auricular surface fragments (Male, aged 40-44 years), 4 hip fragments.

Rib: 7 body fragments.

Thoracic: 1 body.

Lumbar: 1 left superior articular process, 1 superior articular process.

7 vertebral body fragments, 1 pedicle

UPPER LIMB:

Humerus: 1 shaft fragment, 1 distal right shaft and joint surface fragment, anterior surface, 1 capitulum fragment

Hands: 1 intermediate phalanx fragment, 3 distal phalanges. 2 phalanx fragments.

LOWER LIMB:

Patella: Right side.

Tibia: 1 shaft fragment, lateral border.

AGE: 40-44 years

SEX: Male?

PATHOLOGY SUMMARY: Moderate pitting on the surfaces of the thoracic vertebral body and the body fragments (size suggests lower thoracic or lumbar elements)

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm residue contained high proportion of small unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

202

Unurned burial

Spit 4

AXIAL SKELETON:

Innominate: Right ischial tuberosity, fragment of left ischial tuberosity and acetabulum, 3 hip fragments

Rib: 2 body fragments.

Atlas: Fragment of inferior and superior articular surfaces, unsided.

Lumbar: 1 right inferior articular process, 1 right superior articular process.

UPPER LIMB:

Humerus: 1 shaft fragment.

Radius: Distal end of left side.

LOWER LIMB:

Femur: 4 shaft fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm residue contained large amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

202

Unurned burial

Spit 5

SKULL:

1 frontal bone fragment

13 cranial vault fragments.

AXIAL SKELETON:

Innominate:

Rib: 1 body fragment.

Cervical: 1 body fragment.

UPPER LIMB:

Hands: 1st metacarpal fragment, metacarpal fragment

LOWER LIMB:

Femur: 1 proximal shaft fragment, 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm residue contained small amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

204

Unurned burial or redeposited pyre debris

Spit 1

SKULL:

Mandible: Right condyle. left and right ramus fragments, 2 alveolar margin fragments.

Maxilla: Right and left sides.

Teeth: Left maxillary molar, 3 single roots.
 Right and left petrous portions, 3 occipital fragment (Male ??), clivus, 1 zygomatic fragment,
 58 cranial vault fragments.
 AXIAL SKELETON:
 Innominate: 4 iliac blade fragments, 1 acetabulum fragment.
 Rib: 5 body fragment.
 Cervical: 1 body, 1 right inferior articular process.
 Thoracic: 1 left inferior articular process fragment, 1 left superior articular surface, 2 laminae, 1 spinous process.
 Lumbar: 1 left superior articular process, 1 right superior articular process,
 2 vertebral body fragments, 2 pedicle, 3 articular process fragments.
 UPPER LIMB:
 Clavicle: Medial end fragment.
 Humerus: 5 shaft fragments.
 Ulna: 1 shaft fragment.
 LOWER LIMB:
 Femur: 2 posterio-inferior shaft fragments, 2 posterio-superior shaft fragments, 2 condylar fragments.
 Tibia: 2 anterior border fragment, 1 lateral border fragment, 1 superior articular surface fragment.
 Fibula: 1 shaft fragment.
 Foot: Talus fragment.
 AGE: Old Adult
 SEX: Male ??
 PATHOLOGY SUMMARY: Impacted right maxillary canine.
 Cervical body: Considerable pitting, moderate osteophyte formation.
 PYRE GOODS: Turquoise staining on rib fragment, light blue staining on a vertebral body fragment, turquoise staining on 4 unidentified fragments.
 CREMATION SUMMARY: All white.
 COMMENTS: Some fragments are abraded.
 The residue contained a large amount of unidentifiable bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

204

Unurned burial or redeposited pyre debris

Spit 2

SKULL:

2 occipital fragments (Male ??), right external acoustic meatus with posterior zygomatic process (Male), right occipital condyle, temporal bone fragment.

20 cranial vault fragments.

AXIAL SKELETON:

Innominate: Iliac blade fragment with edge of auricular surface (Male?), 3 iliac blade fragments.

Atlas: Dens facet.

Cervical: 1 body

Thoracic: Left inferior articular process, right superior articular process.

Lumbar: Spinous process fragment.

1 vertebral body fragments, 3 pedicles

UPPER LIMB:

Humerus: 1 shaft fragment.

Hands: 2 metacarpal fragments.

LOWER LIMB:

Femur: 1 shaft fragment.

AGE: Old Adult

SEX: Male?

PATHOLOGY SUMMARY: Cervical body: Considerable pitting

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a large amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

216

Redeposited pyre debris

SKULL:

1 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment..

Cervical: 1 vertebral body.

LOWER LIMB:

Tibia: 2 anterior border fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white.

ARC PHL 97

CONTEXT NUMBER:

222

Urned burial

SKULL:

Maxilla: 1 maxilla fragment

Teeth: Mandibular 2nd premolar, 1st and 2nd molar and 2 crown fragments.

Petrous portion fragment

214 cranial vault fragments.

AXIAL SKELETON:

1 rib fragment.

AGE: Dental age between 6 and 18

Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER:

226

Urned burial

SKULL:

Mandible: Right anterior border of mandible, lingual surface and the alveolar part of the mandible, right lateral surface and the alveolar part of the body of the mandible

Teeth: 1 single tooth root, possibly a canine. 1 crown of a first mandibular premolar.

Right and left petrous portion fragments, 1 left parietal fragment, 1 right parietal fragment, 1 right temporal fragment, 3 frontal bone fragment, 1 occipital bone fragment, 2 mandibular fossa fragment

63 cranial vault fragments.

AXIAL SKELETON:

Innominate: Left auricular surface fragment, 1 acetabulum fragment, 3 iliac crest fragments, 2 iliac blade fragments,

Ribs, 3 right rib fragments, 46 body fragments

Atlas: Dens facet fragment

Cervical: 5 vertebral bodies, C3-7.

Thoracic: 2 right superior articular processes, 1 left superior articular process, 6 superior processes, 2 inferior processes

Lumbar: 2 inferior processes

14 vertebral body fragments 1 sternum fragment

UPPER LIMB:

Clavicle: 1 shaft fragment

Scapula: left blade fragment, lateral border. 2 glenoid fragments

Humerus: right and left trochlea fragment, 1 left proximal shaft fragment, 1 left midshaft fragment, 5 shaft fragments

Ulna: right and left trochlea notch fragment

Radius: 2 head of radius fragments, diameter: 20.5 mm.

Hands: right and left lunate, right capitate, left scaphoid, 2 metatarsal fragment, 4 phalanx fragment

LOWER LIMB:

Femur: 7 femoral shaft fragments, 1 greater trochanter fragment, 1 femoral condyle fragment.

Tibia: 5 anterior border shaft fragments, 1 left shaft fragment, posterior side at nutrient foramen, 3 shaft fragments

Fibula: 2 shaft fragments

Foot: 2 tarsal fragments, 1 phalanx fragment

AGE: Adult

Auricular surface: 35-40

Cranial suture, 6: score 1; mean 42 years.

SEX: From an auricular surface fragment:

Male?

PATHOLOGY SUMMARY:

C6: Slight pitting of the surfaces and slight osteophyte formation at the joint margins.

PYRE GOODS: None

CREMATION SUMMARY:

4 cranial vault fragments, possibly frontal bone, with a white ectocranial surface but black diploe and endocranial surface.

COMMENTS:

The residue contained a moderate amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

240

Redeposited cremated remains

SKULL:

Teeth: 1 incisor root fragment.

2 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white, some fragments are chalky and eroded.

ARC PHL 97

CONTEXT NUMBER

255

Redeposited cremated remains

SKULL:

1 zygomatic arch fragment.

11 cranial vault fragments.

AXIAL SKELETON:

Innominate: Right ischial tuberosity.

Thoracic: 1 left superior articular process, 1 transverse process fragment.

3 vertebral body fragments.

LOWER LIMB:

Femur: 1 shaft fragment with linea aspera.

Tibia: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white, some cranial fragments are abraded.

ARC PHL 97

CONTEXT NUMBER

268

Urned burial

SKULL:

Right petrous portion.

5 cranial vault fragments.

AXIAL SKELETON:

Innominate:

Rib: 4 body fragments.

Lumbar: 1 body fragment.

2 vertebral body fragments, 2 vertebral fragments.

UPPER LIMB:

Clavicle: Shaft fragment.

Humerus: 1 shaft fragment.

Ulna: Distal articular surface fragment.

Radius: Shaft fragment.

LOWER LIMB:

Femur: 1 proximal fragment, 2 midshaft fragments, 1 distal fragment, head of femur fragment.

Foot: Calcaneus fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: None

COMMENTS: Residue contained small amount of bone fragments.

ARC PHL 97

CONTEXT NUMBER

268

Urned burial

Spit 1

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY:

COMMENTS: Few bone fragments in spit 1, none identifiable.

ARC PHL 97

CONTEXT NUMBER

268

Urned burial

Spit 2

SKULL:

11 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

268

Urned burial

Spit 3
SKULL:
1 frontal bone fragment, left petrous portion, left zygomatic arch fragment.
17 cranial vault fragments.
UPPER LIMB:
Scapula: Spine fragment.
Humerus: 3 fragments of the head, 1 shaft fragment.
Ulna: Right olecranon process and trochlea notch, 1 proximal shaft fragment.
Radius:
Hands: 3 metacarpal fragments, 1 carpal fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

268

Urned burial
Spit 4
UPPER LIMB:
Humerus: 2 capitulum fragment, 3 shaft fragments.
Ulna: 1 trochlea notch fragment.
Radius: Distal joint surface fragment.
Hands: Metacarpal fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

268

Urned burial
Spit 5
AXIAL SKELETON:
Innominate: 1 iliac blade fragment
UPPER LIMB:
Humerus: 3 shaft fragments.
LOWER LIMB:
Femur: 1 distal femur fragment.
Tibia: 1 distal tibia fragment.
Fibula: 1 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

268

Urned burial
Spit 6
LOWER LIMB:
Femur: 2 shaft fragments, 2 shaft fragments, posterior side with linea aspera, condyle fragment.
Tibia: Inter-condylar eminence fragment, tibial condyle fragment
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

270

Urned burial
Spit 1
LOWER LIMB:
Fibula: 1 shaft fragment.
Foot: 1 phalanx fragment.
AGE: Unknown
SEX: Unknown

PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

270

Urned burial

Spit 2

SKULL:

Mandible: Coronoid process fragment.

5 cranial vault fragments.

AXIAL SKELETON:

Innominate:

Rib: 1 right rib.

1 vertebral body fragments.

LOWER LIMB:

Femur: Right distal femur shaft.

Tibia: Articular condyle fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm residue contains small amount of unidentifiable bone.

ARC PHL 97

CONTEXT NUMBER

270

Urned burial

Spit 3

UPPER LIMB:

Scapula: Left coracoid process, left glenoid fossa (length: 30.5 mm = female)

Ulna: Distal shaft of ulna.

AGE: Adult

SEX: Female

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm residue contains a moderate amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

270

Urned burial

Spit 4

SKULL:

2 cranial vault fragments.

LOWER LIMB:

Femur: 1 shaft fragment.

Tibia: left lateral condyle and tubercle of intercondylar eminence.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm residue contains moderate amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

270

Urned burial

Spit 5

SKULL:

10 cranial vault fragments.

AXIAL SKELETON:

Rib: 6 body fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

LOWER LIMB:

Femur: 2 condyle fragments, 1 shaft fragment.

Feet: 1 Metatarsal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None
CREMATION SUMMARY: All white.
COMMENTS: 2 mm residue contained moderate amount of unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

270

Urned burial

Spit 6

SKULL:

1 cranial vault fragment.

AXIAL SKELETON:

Rib: 2 body fragments.

Cervical: 1 spinal process.

Lumbar: 1 inferior articular process.

LOWER LIMB:

Femur: 1 distal femur fragment, posterior surface.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm residue contains moderate amount of unidentifiable bone.

ARC PHL 97

CONTEXT NUMBER

270

Urned burial

Spit 7

SKULL:

Mandible: 1 body fragment, anterior portion, lingual surface.

1 parietal fragment, 1 frontal fragment, left petrous portion, 1 mandibular fossa fragment,
20 cranial vault fragments.

AXIAL SKELETON:

Innominate: Iliac blade fragment, posterior portion with partial auricular surface (Female). 2 blade fragments.

Rib: 8 body fragments.

Atlas: Fragment of the left side.

Cervical: 1 left superior and inferior articular surface fragment, 1 vertebra fragment.

Thoracic: 1 inferior process, 1 superior process, 2 right superior processes,

Lumbar: 1 fragment with inferior processes and spine, 1 right superior process.

1 vertebral body fragments.

UPPER LIMB:

Humerus: Distal right humerus, 2 shaft fragments, 2 head fragment.

Radius: Head of radius fragment, 2 shaft fragments.

LOWER LIMB:

Femur: 1 head fragment, 1 right neck fragment.

AGE: Adult

SEX: Female

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

270

Urned burial

Spit 8

SKULL:

4 cranial vault fragments.

AXIAL SKELETON:

Rib: 7 body fragments.

Thoracic: 1 inferior articular surface fragment.

Lumbar: 1 body fragment, 2 right inferior articular surface.

2 vertebral body fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER:

276

Cremation-related deposit

SKULL: 17 cranial vault fragments.
AXIAL SKELETON: Thoracic: 1 spinous process fragment
LOWER LIMB: Tibia: 1 anterior border
AGE: Adult
SEX: Unknown

ARC PHL 97

CONTEXT NUMBER

278

Urned burial

SKULL:

Teeth: 1 single root tooth fragment.

AXIAL SKELETON:

Rib: 2 body fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm fraction mainly in the residue, moderate amount of bone.

ARC PHL 97

CONTEXT NUMBER

278

Urned burial

Spit 1

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No identifiable fragments. 2 mm fraction retained in residue, small amount of bone fragments.

ARC PHL 97

CONTEXT NUMBER

278

Urned burial

Spit 2

SKULL:

1 petrous portion fragment.

3 cranial vault fragments.

AXIAL SKELETON:

Innominate: Auricular surface, inferior demiface fragment (Sex: Female??, Age: 40-44)

Rib: 3 body fragments.

Thoracic: 1 superior articular process.

UPPER LIMB:

Ulna: 2 shaft fragments.

Radius: 1 shaft fragment.

LOWER LIMB:

Femur: 3 posterior shaft fragments with linea aspera.

AGE: 40-44

SEX: Female ??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm fraction mainly in the residue, small amount of bone.

ARC PHL 97

CONTEXT NUMBER

278

Urned burial

Spit 3

SKULL:

5 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments, visceral surface.

Inferior articular surface fragment.

UPPER LIMB:

Humerus: 4 shaft fragments.

LOWER LIMB:

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white
COMMENTS: 2 mm fraction mainly in the residue, moderate amount of bone.

ARC PHL 97

CONTEXT NUMBER

278

Urned burial

Spit 4

SKULL:

Mandible: Right anterior mandible fragment. All teeth lost ante mortem (central and lateral incisor, canine and first premolar).

Right and left lateral petrous portion fragments.

6 cranial vault fragments.

AXIAL SKELETON:

Cervical: 1 body fragment.

UPPER LIMB:

Humerus: Shaft fragment, capitulum fragment.

LOWER LIMB:

Tibia: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Ante-mortem tooth loss

PYRE GOODS: None

CREMATION SUMMARY: All white.

COMMENTS: 2 mm fraction mainly in the residue, moderate amount of bone.

ARC PHL 97

CONTEXT NUMBER

280

Urned burial

Spit 1

LOWER LIMB:

Fibula: 1 shaft fragment.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contained moderate amount of unidentified bone fragments from the 2 mm fraction

ARC PHL 97

CONTEXT NUMBER

280

Urned burial

Spit 2

SKULL:

2 cranial vault fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

LOWER LIMB:

Femur: 1 linea aspera fragment.

Fibula: 1 shaft fragment.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contained moderate amount of unidentified bone fragments from the 2 mm fraction

ARC PHL 97

CONTEXT NUMBER

280

Urned burial

Spit 3

SKULL:

1 left petrous portion fragment.

10 cranial vault fragments.

AXIAL SKELETON:

Innominate:

Rib: 1 body fragment.

UPPER LIMB:

Humerus: 1 shaft fragment.

LOWER LIMB:

Femur: 1 linea aspera fragment/

Tibia: 1 anterior border fragment.

AGE: Adult

SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white.
COMMENTS: No residue.

ARC PHL 97

CONTEXT NUMBER

283

Cremation-related deposit

SKULL:

Mandible: Right coracoid process, right mandibular condyle, body fragment, lingual surface with 2 sockets (incisors).

Teeth: 1 single root.

1 frontal bone fragment. petrous portion fragment.

45 cranial vault fragments.

AXIAL SKELETON:

Rib: 6 body fragments, visceral surface.

Thoracic: 1 superior left articular process.

1 vertebral body fragments, 2 pedicles.

UPPER LIMB:

Humerus: 3 shaft fragments, 1 trochlea fragment.

Ulna: Trochlea notch fragment, 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Turquoise staining on a cranial vault fragment, vertebral body fragment and 4 unidentified fragments.

CREMATION SUMMARY: All white.

COMMENTS: 14 cranial fragment and 12 unidentified fragments are abraded. Residue contained a moderate amount of small unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

296

Redeposited pyre debris

SKULL:

Teeth: 3 single roots.

Left frontal process.

12 cranial vault fragments.

AXIAL SKELETON:

Lumbar: Superior articular process.

LOWER LIMB:

Tibia: 3 anterior border fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contained small amount of unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

304

Cremation-related deposit

SKULL:

Mandible: 1 lingual surface body fragment with 2 tooth sockets.

Teeth: 5 single roots, 1 left molar root, 2 molar root fragments.

Left and right external acoustic meatus fragments, 2 parietal fragment, 2 mastoid fragments, zygomatic arch fragment.

35 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac blade fragment.

Rib: 4 body fragment.

Thoracic: 2 left superior articular process, 1 right superior articular process.

Lumbar: 1 superior process fragment, 1 left inferior articular process.

3 vertebral body fragments.

UPPER LIMB:

Ulna: 1 shaft fragment.

Radius: 1 shaft fragment.

Hands: 2 metacarpal shaft fragments.

LOWER LIMB:

Femur: 7 shaft fragments, posterior side, 2 proximal shaft fragments, 1 shaft fragment.

Tibia: 3 anterior border fragments, 1 postero-proximal shaft fragment, 4 lateral border fragments.

Fibula: 4 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Vertebral body fragments: Considerable pitting on the joint surface and considerable osteophyte

formation at the joint margin. Fibula fragment, striated lamellar bone. Healed periostitis.
 PYRE GOODS: Iron staining on an unidentified fragment, turquoise staining on 2 unidentified fragments and a femoral shaft fragment.
 CREMATION SUMMARY: All white
 COMMENTS: Residue contained moderate amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

305

Unurned burial

Spit 1

SKULL:

2 occipital bone fragments (Sex: Weak occipital protuberance; female).

7 cranial vault fragments.

UPPER LIMB:

Humerus: 1 proximal shaft fragment, 1 shaft fragment, 1 head fragment.

Radius: 1 shaft fragment.

Hands: 1 metacarpal shaft fragment.

LOWER LIMB:

Tibia: 2 anterior border fragments, 1 lateral border fragment.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Female ??

PATHOLOGY SUMMARY:

1 lambdoid ossicle.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue present.

ARC PHL 97

CONTEXT NUMBER

305

Unurned burial

spit 2

SKULL:

2 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

UPPER LIMB:

Humerus: 2 proximal shaft fragments, 2 shaft fragments.

Ulna: 1 shaft fragment.

Radius: 1 left postero-distal shaft fragment.

LOWER LIMB:

Femur: 2 linea aspera fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white.

COMMENTS: No residue.

CONTEXT NUMBER

310

Urned burial

SKULL:

7 cranial vault fragments.

AXIAL SKELETON:

Cervical: 1 body fragment.

Thoracic: 2 superior processes.

UPPER LIMB:

Humerus: 1 shaft fragment.

LOWER LIMB:

Femur: 3 shaft fragments, posterior side.

Tibia: 3 shaft fragments.

Fibula: 1 shaft fragment.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

310

Urned burial

Spit 1
SKULL:
Mandible: 1 coracoid process.
Teeth: 1 root fragment.
2 occipital fragments, 1 mastoid (Female??), 2 zygomatic fragments, 1 temporal bone fragment, 1 zygomatic arch fragment,
22 cranial vault fragments.
AXIAL SKELETON:
Innominate: 1 iliac blade fragment.
UPPER LIMB:
Humerus: Distal joint surface fragment,
Ulna: 1 shaft fragment.
AGE: Adult
SEX: Female ??
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: 2 mm residue contained high amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

310

Urned burial

Spit 2

SKULL:

Mandible: Left ramus fragment.

Teeth: 1 root fragment.

Mastoid fragment, left occipital condyle.

28 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

2 vertebral body fragments.

UPPER LIMB:

Humerus: 1 shaft fragment, 1 trochlea fragment.

Radius: 1 shaft fragment.

LOWER LIMB:

Tibia: 1 shaft fragment,

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Female ??

PATHOLOGY SUMMARY: None

PYRE GOODS: Iron staining on 2 vertebral body fragments.

CREMATION SUMMARY: All white

COMMENTS: 2 mm residue contains moderate amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

310

Urned burial

Spit 4

SKULL: 6 cranial vault fragments.

AXIAL SKELETON:

Innominate: Greater sciatic notch fragment (Female).

Rib: 2 body fragments.

Cervical: 1 inferior articular process.

1 pedicle.

UPPER LIMB:

Humerus: 1 shaft fragment.

Ulna: 1 shaft fragment.

Hands: 1 metacarpal shaft fragment.

LOWER LIMB:

Femur: 2 postero-proximal shaft fragment, 7 posterior shaft fragment, 10 shaft fragment.

Tibia: 1 postero-proximal shaft fragment. 1 anterior shaft fragment, 6 shaft fragments.

Fibula: 4 shaft fragment.

AGE: Adult

SEX: Female

PATHOLOGY SUMMARY: None

PYRE GOODS: 4 animal bones, 1 nail?, iron staining on a rib fragment.

CREMATION SUMMARY: All white.

COMMENTS: Residue contained large amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

310

Spit 5

SKULL:

Mandible: 3 body fragments.
 UPPER LIMB:
 Humerus: 1 shaft fragment.
 LOWER LIMB:
 Femur: 2 shaft fragments.
 Tibia: 1 anterior border fragment, 2 lateral border fragment, 2 shaft fragments.
 AGE: Adult
 SEX: Unknown
 PATHOLOGY SUMMARY: None
 PYRE GOODS: None
 CREMATION SUMMARY: All white
 COMMENTS: Spit consisting of mainly small long bone fragments. Residue contains small amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

313

Cremation-related deposit

SKULL:

1 zygomatic bone fragment.

5 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

318

Unurned burial

SKULL:

Teeth: Maxillary right lateral incisor, maxillary second premolar crown, maxillary first, second and third molar crowns, mandibular second molar crown (Age: 12-18)

28 cranial vault fragments.

AXIAL SKELETON:

Cervical: 1 inferior articular process fragment.

Thoracic: Left superior articular process.

UPPER LIMB:

Ulna: Right proximal ulna shaft fragment, 3 shaft fragments.

LOWER LIMB:

Femur: 1 shaft fragment, with linea aspera.

Tibia: 2 anterior border fragment.

Fibula: 1 shaft fragment.

AGE: 12-18

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

336

Urned burial

Spit 1

SKULL:

1 cranial vault fragments.

AXIAL SKELETON:

1 pedicle

UPPER LIMB:

Humerus: 2 proximal shaft fragments.

Ulna: 1 shaft fragment.

Hands: 1 phalanx fragment.

LOWER LIMB:

Femur: 1 shaft fragment, posterior side with linea aspera.

Fibula: 2 shaft fragments.

Foot: 1 metatarsal shaft fragment.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm fraction mainly within the residue. Contains a large amount of bone fragments.

ARC PHL 97

CONTEXT NUMBER

336

Spit 2

SKULL:

5 cranial vault fragments.

AXIAL SKELETON:

Innominate: Iliac body.

Axis: Dens

1 vertebral body fragments, 1 lamina fragment..

UPPER LIMB:

Humerus: Capitulum fragment.

Ulna: 1 shaft fragment.

Radius: Head fragment.

Hands: 1 distal phalanx fragment.

LOWER LIMB:

Tibia: Lateral border fragment.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 long bone fragment with small light turquoise stain.

CREMATION SUMMARY: All white

COMMENTS: 2 mm fraction mainly within the residue. Contains a large amount of bone fragments.

ARC PHL 97

CONTEXT NUMBER

336

Urned burial

Spit 3

AXIAL SKELETON:

Rib: 2 body fragment.

Lumbar: 1 spinous process.

3 vertebral body fragments.

UPPER LIMB:

Scapula: 2 spine fragments.

Clavicle: Left lateral end fragment.

Humerus: 1 distal shaft fragment, 1 proximal shaft fragment.

LOWER LIMB:

Femur: 2 shaft fragments, posterior side with linea aspera.

Tibia: 2 shaft fragment, lateral side, 1 anterior border fragment,

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 2 animal bones (Skull)

CREMATION SUMMARY: All white

COMMENTS: 2 mm fraction mainly within the residue. Contains a large amount of bone fragments.

ARC PHL 97

CONTEXT NUMBER

338

Cremation-related deposit

SKULL:

4 cranial vault fragments.

AXIAL SKELETON:

1 vertebral body fragments.

LOWER LIMB:

Femur: Condyle fragment.

Tibia: Anterior border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm fraction mainly within the residue. Contains a moderate amount of bone fragments

ARC PHL 97

CONTEXT NUMBER

362

Urned burial

Spit 1

SKULL:

Mandible: Body fragment, lingual surface with a root socket.

Right zygomatic process and orbital rim fragment (Male?)

23 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 iliac crest fragments.
Rib: 5 body fragments.
Cervical: Pedicle fragment, 1 body.
1 vertebral body fragments.
UPPER LIMB:
Humerus: Shaft fragment.
Ulna: 1 shaft fragment.
LOWER LIMB:
Tibia: 3 anterior border fragments, 2 lateral border fragments.
Foot: Talus fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
GRAVE GOODS: 1 unburnt piece of animal skull.
CREMATION SUMMARY: 10 black fragments, unidentified long bone, 4 black with white cortex, unidentified long bone.
COMMENTS: 2 mm fraction largely contained within unsorted residue. It contains a high amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

362

Urned burial

Spit 2

SKULL:

Mandibular fossa fragment

15 cranial vault fragments.

AXIAL SKELETON:

Innominate: Auricular surface fragment, inferior demiface (Male?, Age: 40-50),

Rib: 3 body fragments.

Thoracic: 3 left superior articular process, 1 right superior articular surface, 1 right superior and inferior articular process. 1 left inferior articular process.

8 vertebral body fragments.

UPPER LIMB:

Scapula: Inferior angle fragment.

Humerus: 4 shaft fragments.

Ulna: 1 shaft fragment.

Hands: Metacarpal shaft fragment.

LOWER LIMB:

Femur: 1 left superio-posterior fragment, 1 posterior fragment with linea aspera, 2 shaft fragments

Tibia: 5 right superio-posterior shaft fragments with soleus line, 2 anterior border fragments.

Fibula: 2 shaft fragments.

AGE: 40-50

SEX: Male?

PATHOLOGY SUMMARY: None

PYRE GOODS: 2 fragments with small turquoise stain.

CREMATION SUMMARY: Few small unidentified black fragments.

COMMENTS: Majority of 2 mm fraction in the residue. It contained mainly unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

362

Urned burial

Spit 3

SKULL:

Occipital condyle fragment.

5 cranial vault fragments.

AXIAL SKELETON:

Rib: 3 body fragments.

Thoracic: Lamina fragment, left inferior articular process, left superior articular process.

Lumbar: Left inferior articular process, right inferior articular process.

2 vertebral body fragments.

UPPER LIMB:

Humerus: 2 shaft fragments, capitulum fragment.

Ulna: Left proximal shaft fragment, 1 shaft fragment,

Radius: 1 shaft fragment.

LOWER LIMB:

Femur: 5 shaft fragments, 1 linea aspera fragment..

Tibia: 2 shaft fragments, posterior side.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Moderate porosity on vertebral body fragments.

PYRE GOODS: None

CREMATION SUMMARY: 6 black unidentifiable long bone fragments.

COMMENTS: Majority of 2 mm fraction in the residue. It contained mainly unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

362

Urned burial

Spit 4

SKULL:

2 cranial vault fragments.

AXIAL SKELETON:

Innominate: Right iliac blade with partial auricular surface (Sex: Male?, Age: 45-55)

2 vertebral body fragments.

LOWER LIMB:

Femur: Posterior side with linea aspera fragment.

Tibia: 4 lateral border fragments, 1 superio-posterior fragment with soleus line.

Fibula: 1 shaft fragment.

AGE: 45-55

SEX: Male?

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 2 black fragments, unidentified.

COMMENTS: Majority of 2 mm fraction in the residue. It contained mainly unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

362

Urned burial

Spit 5

LOWER LIMB:

Femur: 4 posterior fragments with linea aspera, 7 shaft fragments

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Majority of 2 mm fraction in the residue. It contained mainly unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

362

Urned burial

Spit 6

SKULL:

3 cranial vault fragments.

AXIAL SKELETON:

Innominate: Iliac crest fragment, 2 acetabulum fragments.

LOWER LIMB:

Femur: 1 shaft fragment.

Tibia: 4 superio-posterior fragments with soleus line, 1 lateral fragment, 5 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All tibia fragments are black. plus 4 unidentifiable fragments.

COMMENTS: The residue contained small amount of unidentifiable bone fragments/

ARC PHL 97

CONTEXT NUMBER

371

Redeposited pyre debris

SKULL:

Teeth: 1 canine root, 1 incisor root.

Right incus.

3 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment, visceral surface.

Atlas: Dens facet.

Thoracic: Right superior articular process.

UPPER LIMB:

Hands: Metacarpal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 6 fragments are iron stained. 1 fragment with iron attached to the bone. All fragments are unidentifiable. 4 small iron fragments in the residue.

CREMATION SUMMARY: All white

COMMENTS: Residue contained moderate amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

425

Urned burial

Spit 0

SKULL:

1 cranial vault fragment.

AXIAL SKELETON:

Innominate: 1 iliac blade fragment.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 unidentified fragment light blue stained.

CREMATION SUMMARY: 1 unidentified fragment black internal surface.

COMMENTS: Residue contained small amount of unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

425

Urned burial

Spit 1

SKULL:

Mandible: Body fragment, lingual surface with tooth sockets.

Teeth: 1 canine? root, 1 molar root fragment, 1 crown fragment.

6 cranial vault fragments.

AXIAL SKELETON:

Innominate: Iliac blade fragment,

Rib: 2 body fragments.

Thoracic: Left superior articular process.

Lumbar: 1 left inferior articular process.

UPPER LIMB:

Humerus: Distal shaft fragment.

Ulna: 1 shaft fragment.

LOWER LIMB:

Femur: Head fragment.

Foot: Metatarsal head.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 individuals present. Residue contains large amount of unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

425

Urned burial

Spit 2

SKULL:

Teeth: 2 molar root fragments

Frontal process fragment.

4 cranial vault fragments.

AXIAL SKELETON:

Cervical: 2 body fragments.

Thoracic: Left superior articular process.

Lumbar: 1 right superior articular process.

LOWER LIMB:

Femur: 3 condyle fragments, 4 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 individuals.

ARC PHL 97

CONTEXT NUMBER

425

Urned burial

Spit 3

SKULL:

Teeth: Maxillary premolar root, maxillary 3rd molar root, 2 molar root fragments.

Left frontal process.
13 cranial vault fragments.
AXIAL SKELETON:
Cervical: 1 inferior articular process,
Thoracic: Right transverse process, transverse process fragment.
Lumbar: Left inferior articular process.
3 articular process fragments.
LOWER LIMB:
Femur: 2 posterior-inferior shaft fragments, 3 shaft fragments.
Tibia: 7 anterior border fragments, 3 lateral border fragments.
Fibula: 2 shaft fragments, 1 left distal articular surface fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: 2 mm residue contained large amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

425

Urned burial

Spit 4

SKULL:

Mandible: Left ramus fragment. Body fragment.

Teeth: Mandibular left central and left lateral incisor.

14 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 iliac blade fragments.

Rib: 5 body fragment.

Atlas: Dens.

Thoracic: 2 right superior articular surfaces.

Lumbar: Spinal process.

1 vertebral body fragment, 1 articular process.

UPPER LIMB:

Humerus: 1 shaft fragment.

Ulna: Proximal shaft fragment, 1 shaft fragment.

LOWER LIMB:

1 patella fragment.

Femur: 2 shaft fragments. 1 posterior shaft fragment.

Tibia: 1 tubercle of the intercondylar eminence.

Fibula: 4 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm residue contained a high proportion of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

425

Urned burial

Spit 5

SKULL:

5 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 right rib fragments, 2 body fragments.

Axis: Dens facet.

Cervical: 1 body fragment.

Thoracic: Right superior articular process, right inferior articular process.

Lumbar: 2 right superior articular processes.

Sacrum: 1 fragment.

1 vertebral body fragment, 2 pedicles.

LOWER LIMB:

Femur: Head, 3 proximal shaft fragments, 6 shaft fragments.

Tibia: 3 shaft fragments.

Fibula: 2 shaft fragments.

Foot: Talus fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

425

Urned burial

Spit 6

SKULL:

1 frontal fragment with orbital outline (Male ??),

4 cranial vault fragments.

AXIAL SKELETON:

Innominate: Right auricular surface, superior demiface (Sex: Male, Age: 50-59)

Rib: 2 left rib fragments, 4 body fragments.

Lumbar: 1 body fragment.

UPPER LIMB:

Scapula: Anterior border fragment.

Humerus: 2 capitulum fragments, proximal shaft fragment.

LOWER LIMB:

Femur: 2 postero-proximal shaft fragments, 1 shaft fragment.

Tibia: Condyle fragment, 1 postero-proximal shaft fragment, 1 lateral border fragment.

Fibula: 1 shaft fragment.

AGE: 50-59

SEX: Male

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contained moderate amount of unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

425

Urned burial

Spit 7

SKULL:

1 frontal fragment, 1 petrous portion fragment.

34 cranial vault fragments.

AXIAL SKELETON:

Rib: 3 body fragments.

Sacrum: 1st sacral element.

2 vertebral body fragment.

UPPER LIMB:

Humerus: Head fragment, 4 shaft fragments,

LOWER LIMB:

Femur: 1 postero-distal shaft fragment, 1 shaft fragment.

Tibia: 1 lateral border fragment.

Fibula: 2 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: Cranial vault fragments are white with black-grey core.

COMMENTS: 2 mm fraction retained as unsorted residue, contained high proportion of unsorted residue.

ARC PHL 97

CONTEXT NUMBER

425

Urned burial

Spit 8

SKULL:

16 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac crest fragment.

Rib: 3 body fragments.

Thoracic: 2 left superior articular process.

Lumbar: 1 right superior articular process.

2 vertebral body fragments.

LOWER LIMB:

Femur: 3 shaft fragments.

Fibula: 3 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: Cranial vault fragments are white with grey core.

COMMENTS: Residue contains small amount of unidentified bone.

ARC PHL 97

CONTEXT NUMBER

425

Urned burial

Spit 1

SKULL:

Teeth: crown of maxillary first premolar (Age: 5-6 years)

11 cranial vault fragments.

AGE: 5-6 years

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2nd individual with adult male.

ARC PHL 97

CONTEXT NUMBER

425

Urned burial

Spit 2

SKULL:

12 cranial vault fragments.

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2nd individual with adult male.

ARC PHL 97

CONTEXT NUMBER

425

Urned burial

Spit 4

SKULL:

Teeth: Mandibular deciduous molar fragment.

20 cranial vault fragments.

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2nd individual with adult male.

ARC PHL 97

CONTEXT NUMBER

425

Urned burial

Spit 5

SKULL:

34 cranial vault fragments.

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2nd individual with adult male.

ARC PHL 97

CONTEXT NUMBER

425

Urned burial

Spit 6

SKULL:

8 cranial vault fragments.

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2nd individual with adult male.

ARC PHL 97

CONTEXT NUMBER

425

Urned burial

Spit 7
SKULL:
2 parietal fragments.
7 cranial vault fragments.
AGE: Subadult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: 2nd individual with adult male

ARC PHL 97

CONTEXT NUMBER

425

Urned burial
Spit 8
SKULL:
7 cranial vault fragments.
LOWER LIMB:
Femur: 1 postero-distal shaft fragment.
AGE: Subadult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: 2nd individual with adult male.

ARC PHL 97

CONTEXT NUMBER

427

Cremation-related deposit
CREMATION SUMMARY: All white
COMMENTS:
Small amount of unidentifiable bone fragments (1 g).

ARC PHL 97

CONTEXT NUMBER

428

Redeposited pyre debris
SKULL:
Teeth: 1 mandibular molar root fragment, 1 mandibular incisor root, 2 root fragment.
3 cranial vault fragments.
AXIAL SKELETON:
Rib: 2 body fragments.
Thoracic: 1 right superior articular surface.
UPPER LIMB:
Radius: 1 shaft fragment.
LOWER LIMB:
Tibia: 1 lateral border fragment.
Foot: 1 phalanx fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: Same cut number as for 425, same adult individual.

ARC PHL 97

CONTEXT NUMBER

428

Redeposited pyre debris
SKULL:
Teeth: 1 deciduous molar root fragment.
8 cranial vault fragments.
AGE: Subadult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: Subadult bone present with adult bone. Same cut number, 590, as for 425. Are likely to belong to the individual in fill 425.

ARC PHL 97

CONTEXT NUMBER

432

Cremation-related deposit
SKULL:
Teeth: 1 root fragment
1 cranial vault fragment.
AXIAL SKELETON:
Innominate: Iliac blade and crest fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: Residue contains small amount of unidentified bone fragments

ARC PHL 97

CONTEXT NUMBER

449

Redeposited cremated remains
SKULL:
3 parietal fragments.
2 cranial vault fragments.
UPPER LIMB:
Humerus: 1 shaft fragment.
LOWER LIMB:
Femur: 1 patellar surface fragment.
Tibia: 1 shaft fragment.
Fibula: 5 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

452

Unurned burial
SKULL:
Mandible: 1 ramus fragment.
8 cranial vault fragments.
AXIAL SKELETON:
Rib: 1 body fragment.
Thoracic: 1 right superior articular process.
UPPER LIMB:
Ulna: 2 shaft fragments.
LOWER LIMB:
Femur: 5 shaft fragments.
Tibia: 1 shaft fragment.
Fibula: 1 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

464

Urned burial
Spit 1
SKULL:
8 cranial vault fragments.
AXIAL SKELETON:
Cervical: Right inferior articular surface.
UPPER LIMB:
Humerus: 1 shaft fragment.
Hands: Scaphoid fragment, head of metacarpal, 2 metacarpal shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: Residue contained a moderate amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

464

Urned burial
 Spit 2
 SKULL:
 1 occipital fragment.
 10 cranial vault fragments.
 AXIAL SKELETON:
 2 articular process fragments.
 UPPER LIMB:
 Ulna: Proximal shaft fragment.
 LOWER LIMB:
 Tibia: 1 lateral border fragment.
 Fibula: 2 shaft fragments.
 AGE: Adult
 SEX: Unknown
 PATHOLOGY SUMMARY: None
 PYRE GOODS: None
 CREMATION SUMMARY: All white
 COMMENTS: No residue.

ARC PHL 97

CONTEXT NUMBER

464

Urned burial
 Spit 3
 SKULL:
 Right temporal fragment.
 9 cranial vault fragments.
 AXIAL SKELETON:
 Atlas: Right side.
 Lumbar: 1 right inferior articular process, 1 left inferior articular process.
 2 vertebral body fragments, 2 inferior articular process fragment, 1 articular process, 1 pedicle.
 UPPER LIMB:
 Humerus: 2 proximal shaft fragments, 2 shaft fragments.
 Hands: Metacarpal head fragment, 1 phalanx fragment.
 LOWER LIMB:
 Femur: 1 condyle fragment, 1 postero-distal shaft fragment, 2 postero-proximal shaft fragments.
 Tibia: 1 anterior border fragment, 2 shaft fragments.
 Fibula: 1 shaft fragment.
 Foot: 2 talus fragments., 1 proximal articular surface of 1st metatarsal fragment.
 AGE: Adult
 SEX: Unknown
 PATHOLOGY SUMMARY: None
 PYRE GOODS: Tibial anterior border fragment and 4 unidentified fragments with spots of turquoise staining.
 CREMATION SUMMARY: All white
 COMMENTS: No residue.

ARC PHL 97

CONTEXT NUMBER

464

Urned burial
 Spit 4
 SKULL:
 Teeth: 1 incisor root.
 Right frontal process of the zygomatic, right petrous portion fragment, frontal bone fragment.
 10 cranial vault fragments.
 AXIAL SKELETON:
 Rib: 3 body fragments.
 Thoracic: 1 lamina with spinous process fragment, 1 body fragment, right inferior process with lamina fragment, 1 inferior process.
 1 vertebral body fragment, 2 right inferior processes.
 UPPER LIMB:
 Humerus: 1 capitulum fragment, 2 shaft fragments..
 Radius: 1 shaft fragment.
 LOWER LIMB:
 Femur: 2 shaft fragments, 2 condyle fragments.
 Tibia: 1 condyle fragment.
 Fibula: Distal end of right fibula, 1 distal fibula shaft fragment.
 AGE: Adult
 SEX: Unknown
 PATHOLOGY SUMMARY: None
 PYRE GOODS: 2 unidentifiable fragments with turquoise spots.
 CREMATION SUMMARY: 1 fuel ash slag, 1 burnt flint.
 COMMENTS: No residue.

ARC PHL 97

CONTEXT NUMBER

464

Urned burial

Spit 5

SKULL:

Teeth: 1 incisor root fragment.

1 occipital condyle fragment, 1 occipital bone fragment, endocranial surface, left supra-orbital margin, 1 frontal bone fragment.

6 cranial vault fragments.

AXIAL SKELETON:

Innominate: Sciatic notch fragment (Sex: Female?)

Rib: 1 body fragment.

Thoracic: Left superior articular process.

Lumbar: Left inferior articular process.

2 vertebral body fragments.

UPPER LIMB:

Scapula: 2 glenoid fossa fragments.

Humerus: 2 shaft fragments.

Radius: 1 shaft fragment.

Hands: 1 distal phalanx.

LOWER LIMB:

Femur: 2 shaft fragments.

Tibia: 2 anterior border fragments, 2 lateral border fragment.

Fibula: 1 shaft fragment.

Foot: 1 metatarsal head. 1 proximal end of a distal phalanx.

AGE: Adult

SEX: Female?

PATHOLOGY SUMMARY: Moderate osteophyte formation at the joint margin of the vertebral body fragment.

Glenoid fossa fragment: Moderate pitting.

Non-metric trait: Left supra-orbital foramen present.

PYRE GOODS: 2 unidentified bone fragments with turquoise coloured stains.

CREMATION SUMMARY: All white

COMMENTS: No residue.

ARC PHL 97

CONTEXT NUMBER

464

Urned burial

Spit 6

SKULL:

7 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 auricular surface fragment, 1 iliac crest fragment.

Rib: 6 body fragment.

Atlas: Left inferior articular surface.

Thoracic: 1 right inferior articular surface.

Lumbar: 1 body fragment, 1 right inferior articular process.

1 superior articular process fragment, 2 inferior articular process fragment, 3 vertebral body fragments.

UPPER LIMB:

Radius: 1 distal articular surface, 1 shaft fragment.

Hands: 1 distal phalanx.

LOWER LIMB:

Femur: 2 shaft fragments.

Tibia: 1 lateral border fragment.

Fibula: 1 shaft fragment.

Foot: 1 metatarsal head.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Lumbar superior articular surface: Moderate lipping, considerable pitting.

PYRE GOODS: Cranial vault fragment and 2 unidentified fragments with iron staining.

CREMATION SUMMARY: 2 femur shaft fragments are white with black inner surface.

COMMENTS: No residue.

ARC PHL 97

CONTEXT NUMBER

464

Urned burial

Spit 7

SKULL:

Maxilla: 1 lingual surface fragment.

Teeth: 1 single tooth root.

1 occipital fragment.

3 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

Thoracic: 1 right superior articular process, 1 left superior articular process, 1 lamina fragment.

UPPER LIMB:

Hands: 1 phalanx, 1 metacarpal head.

LOWER LIMB:

Patella: Right side.

Femur: 2 shaft fragments.

Tibia: 1 anterior border fragment, 1 lateral border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Iron stain on 1 unidentified bone fragment.

CREMATION SUMMARY: All white

COMMENTS: No residue.

ARC PHL 97

CONTEXT NUMBER

473

Unurned burial

SKULL:

3 cranial vault fragments.

AXIAL SKELETON:

Thoracic: Right superior articular process.

UPPER LIMB:

Scapula: Spine fragment, blade fragment, medial border.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 turquoise stain on a long bone fragment.

CREMATION SUMMARY: All white

COMMENTS: The large amount of residue contained few bone fragments.

ARC PHL 97

CONTEXT NUMBER

473

Unurned burial

Spit 1

SKULL:

Mandible: 2 body fragments.

Maxilla: 1 fragment.

Right zygomatic arch, 1 frontal process fragment of the zygomatic bone.

9 cranial vault fragments.

UPPER LIMB:

Scapula: 2 spine fragments.

Ulna: 1 shaft fragment.

Radius: 1 shaft fragment.

Hands: 1 proximal end of a proximal phalanx, 1 metacarpal shaft fragment.

LOWER LIMB:

Tibia: 1 anterior border fragment, 1 lateral border fragment, 2 postero-proximal fragments with soleus line.

Foot: Talus fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable fragments.

ARC PHL 97

CONTEXT NUMBER

473

Unurned burial

Spit 2

SKULL:

Mandible: Right ramus fragment.

Maxilla: Left maxilla with palate and 4 tooth sockets.

18 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac fragment.

1 vertebral body fragment.

UPPER LIMB:

Humerus: 1 near complete head, 1 head fragment, 1 proximal shaft fragment.

Radius: 1 shaft fragment.

LOWER LIMB:

Tibia: 1 lateral border fragment, 1 anterior border fragment.

AGE: Saggital suture open: Younger than 31 years.

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contained a moderate amount of bone fragments. The majority of the 2 mm fraction was present within the residue.

ARC PHL 97

CONTEXT NUMBER

473

Unurned burial

Spit 3

SKULL:

1 zygomatic bone fragment, 1 left zygomatic arch fragment.

4 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 right acetabulum fragment.

Axis: Dens.

Cervical: 1 inferior articular process.

Thoracic: 1 body fragment.

Lumbar: 1 inferior articular process, 1 left inferior articular process.

5 vertebral body fragments.

UPPER LIMB:

Humerus: Head fragment.

Hands: 1 phalanx fragment, 1 metacarpal head.

LOWER LIMB:

Femur: Patellar surface, 4 antero-distal shaft fragments.

Tibia: 2 shaft fragments.

AGE: Midlambdoid, fusing: 40.5 years.

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of bone. The majority of the 2 mm fraction was within the residue.

ARC PHL 97

CONTEXT NUMBER

473

Unurned burial

Spit 4

SKULL:

5 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 body fragment.

Atlas: 1 right fragment.

Cervical: 1 body.

Thoracic: 2 bodies, 1 left superior articular process.

2 vertebral body fragments, 1 pedicle.

UPPER LIMB:

Humerus: 1 shaft fragment, 1 distal articular surface fragment.

Radius: Distal right end.

Hands: Left second metacarpal fragment.

LOWER LIMB:

Femur: 2 condyle fragments.

Tibia: 1 shaft fragment, 2 anterior border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contained moderate amount of unidentifiable bone fragments. The majority of the 2 mm fraction was within the residue.

ARC PHL 97

CONTEXT NUMBER

478

Urned burial

SKULL:

3 cranial vault fragments.

AXIAL SKELETON:

Lumbar: Right superior articular process.

LOWER LIMB:

Femur: 1 shaft fragment, posterior side with linea aspera.

Tibia: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The majority of the 2 mm fraction was retained within the residue. Contained moderate amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

478

Urned burial

Spit 1

SKULL:

Mandible: 1 angle fragment.

19 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment, visceral surface.

Thoracic: 1 right inferior articular process, 1 left superior articular process, 1 spinous process fragment.

LOWER LIMB:

Femur: 2 shaft fragments.

Tibia: 2 lateral border shaft fragments, 1 anterior border fragment.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Porosity present on 2 cranial fragments.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contained large amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

478

Urned burial

Spit 2

SKULL:

1 occipital fragment, left petrous portion fragment.

19 cranial vault fragments.

AXIAL SKELETON:

Ribs: 2 body fragments.

Cervical: 2 body fragment.

Thoracic: Right inferior articular process, right superior articular process, right transverse process.

3 vertebral body fragments, 1 pedicle, 2 articular process fragments.

UPPER LIMB:

Humerus: 2 shaft fragment.

Radius: 2 shaft fragments.

Hands: Distal end of a phalanx, proximal end of a proximal phalanx.

LOWER LIMB:

Femur: 2 shaft fragment, posterior side with linea aspera.

Fibula: Right distal shaft fragment, 2 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Moderate porosity on a parietal fragment with the parietal foramen present, moderate osteophyte formation at the margins and slight pitting of the joint surfaces of 2 vertebral body fragments.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm category retained within the residue. Contained large amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

478

Urned burial

Spit 3

SKULL:

Mandible: Right ramus fragment.

9 cranial vault fragments.

AXIAL SKELETON:

Rib: 4 body fragments.

Thoracic: Left inferior articular process, right superior articular process.

2 vertebral body fragments.

UPPER LIMB:

Radius: Tubercle fragment.

LOWER LIMB:

Femur: 1 condyle fragment, 1 intercondylar fossa fragment.

Tibia: Anterior border fragment.

Fibula: 2 shaft fragment, 1 articular surface of lateral malleolus fragment.

AGE: Adult

SEX: Unknown
PATHOLOGY SUMMARY: Cervical body: Slight osteophyte formation at the joint margin, moderate pitting of the both joint surfaces.
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: 2 mm category retained within the residue. Contained large amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

478

Urned burial

Spit 4

SKULL:

10 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac blade fragment, 1 auricular surface fragment (Age: 40-45, Sex: Male??), 1 superior ramus of pubis fragment.

Rib: 1 body fragment.

Cervical: 1 body fragment.

2 vertebral body fragments. 1 dens.

UPPER LIMB:

Radius: 1 distal shaft fragment.

LOWER LIMB:

Femur: 1 posterior shaft fragment with linea aspera, 3 shaft fragments.

Tibia: 1 anterior border fragment, 2 lateral border fragment.

AGE: 40-44

SEX: Male??

PATHOLOGY SUMMARY: Vertebral body fragment: Slight osteophyte formation at the margin.

PYRE GOODS: None

CREMATION SUMMARY: all white

COMMENTS: 2 mm category partly within the residue. Contained large amount of unidentifiable bone fragments

ARC PHL 97

CONTEXT NUMBER

478

Urned burial

Spit 5

SKULL:

6 cranial vault fragments.

AXIAL SKELETON:

Innominate: Ischial tuberosity fragment, iliac crest fragment.

Lumbar: 2 right inferior articular processes, right superior articular process, left inferior articular process.

2 vertebral body fragments.

UPPER LIMB:

Ulna: Shaft fragment.

LOWER LIMB:

Foot: Head of 1st metatarsal fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 small piece of glass (unburnt)

CREMATION SUMMARY: All white

COMMENTS: 2 mm category largely within the residue. Contained large amount of unidentifiable bone fragments

ARC PHL 97

CONTEXT NUMBER

480

Urned burial

SKULL:

Teeth: 2 single root, 1 crown fragment.

1 occipital fragment, zygomatic arch fragment..

43 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac blade fragment.

Rib: 4 body fragments.

Atlas: Dens facet

Cervical: 1 body, 1 left inferior process, 1 body fragment..

Lumbar: 1 superior articular process.

1 lamina fragment, 2 pedicles.

UPPER LIMB:

Scapula: Coracoid process fragment.

Humerus: 1 shaft fragment, 1 proximal shaft fragment.

Radius: 1 shaft fragment.

LOWER LIMB:

Femur: 1 shaft fragment, 1 linea aspera fragment.

Tibia: 2 anterior border fragment, 1 lateral border fragment, 1 postero-superior shaft fragment.

Fibula: 4 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: 2 parietal fragments with moderate porosity.
PYRE GOODS: 1 cranial fragment and 1 unidentified fragment with small turquoise stain.
CREMATION SUMMARY: All white
COMMENTS: 2 mm fraction mainly within the residue. Contains a moderate amount of bone fragments.

ARC PHL 97

CONTEXT NUMBER

480

Urned burial

Spit 1

SKULL:

8 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

UPPER LIMB:

Radius: 3 shaft fragments, 1 head fragment.

Hands: 1 head of metacarpal.

LOWER LIMB:

Femur: 1 shaft fragment.

Tibia: 3 anterior border fragments, 2 lateral border fragments, 1 tuberosity fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white.

COMMENTS: 2 mm fraction mainly within the residue. Contains a high amount of bone fragments.

ARC PHL 97

CONTEXT NUMBER

480

Urned burial

Spit 2

SKULL:

Teeth: 1 mandibular molar root fragment.

Left frontal process of the zygomatic bone.

4 cranial vault fragments.

AXIAL SKELETON:

Innominate: Iliac crest fragment.

Rib: 1 body fragment.

Thoracic: 1 left superior articular process.

2 vertebral body fragments, 1 pedicle.

UPPER LIMB:

Humerus: Capitulum fragment.

Hands: 1 distal phalanx.

LOWER LIMB:

Femur: 2 linea aspera fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm fraction partly within the residue. Contains a moderate amount of bone fragments.

ARC PHL 97

CONTEXT NUMBER

480

Urned burial

SKULL:

Teeth: Right third maxillary molar root, tooth crown fragment. 1 single root fragment.

1 occipital fragment (Female?)

9 cranial vault fragments.

AXIAL SKELETON:

Rib: 3 body fragments.

Thoracic: 2 right superior articular processes.

UPPER LIMB:

Ulna: 2 shaft fragment.

Radius: Head fragment (Female).

Hands: 1 head of metacarpal fragment.

LOWER LIMB:

Femur: 3 shaft fragments.

Tibia: 1 lateral border fragment. 1 anterior border fragment.

Fibula: 4 shaft fragment.

AGE: Adult
SEX: Female?
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white.
COMMENTS: 2 mm fraction partly within the residue. Contains a moderate amount of bone fragments.

ARC PHL 97

CONTEXT NUMBER

486

Redeposited cremated remains

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Small amount of bone. None identifiable.

ARC PHL 97

CONTEXT NUMBER

496

Urned burial

Spit 1

UPPER LIMB:

Clavicle: Left lateral end fragment.

LOWER LIMB:

Tibia: 1 anterior border fragment, 3 lateral border fragment.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contained a moderate amount of unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

496

Urned burial

Spit 2

SKULL:

1 temporal fragment, endocranial surface with partial mastoid.

9 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 acetabulum fragment.

Axis: Right superior and inferior articular process.

UPPER LIMB:

Scapula: Glenoid fossa and lateral border fragment.

LOWER LIMB:

Tibia: 1 lateral border fragment, 1 anterior border fragment.

Fibula: 2 shaft fragments.

Foot: 1 sesamoid.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: Axis dark grey.

COMMENTS: Residue contained a high amount of unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

496

Urned burial

Spit 3

SKULL:

Mandible: 1 body fragment, lingual surface with 3 teeth sockets, 1 body fragment, lingual surface with superior and inferior mental spines.

1 occipital fragment, 1 petrous portion fragment, 1 zygomatic bone fragment, 1 mastoid fragment.

2 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 body fragment, 1 acetabulum fragment.

Cervical: 1 left superior articular process.

Thoracic: Right superior articular process.

UPPER LIMB:

Humerus: 2 shaft fragments.

Radius: 1 head fragment.
LOWER LIMB:
Femur: 3 postero-distal shaft fragments, 1 shaft fragment.
Fibula: 3 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: Residue contained high amount of unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

496

Urned burial

Spit 4

SKULL:

1 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 right body fragment.

UPPER LIMB:

Clavicle: Left lateral end fragment.

Hands: 1 intermediate phalanx fragment, distal end.

LOWER LIMB:

Patella: 1 fragment.

Femur: 1 left distal articular surface fragment, 1 anterior side shaft fragment with tibial tuberosity.

Fibula: 2 shaft fragments.

Foot: 1 metatarsal shaft fragment, 1 metatarsal head fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Cranial animal bone?

CREMATION SUMMARY: Fibula fragments dark grey.

COMMENTS: 1 medial squatting facet on left tibia.

The majority of the 2mm fraction is within the residue. It contains a high proportion of unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

496

Urned burial

Spit 5

UPPER LIMB:

Humerus: 1 shaft fragment.

LOWER LIMB:

Femur: 1 shaft fragment, posterior side with linea aspera.

Tibia: 4 shaft fragments, lateral border, 2 anterior border fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Small piece of unburnt glass.

CREMATION SUMMARY: All white

COMMENTS: Residue contained moderate quantity of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

496

Urned burial

SKULL:

1 cranial vault fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS:

Small amount of bone. Residue contained small amount of unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

502

Urned burial

Spit 1

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None
CREMATION SUMMARY: 1 fragment is black
COMMENTS: All fragments present are small and unidentifiable.
The residue contained a very small amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

502

Urned burial

Spit 2

SKULL:

Right coronoid process, right temporal fragment, 1 supra-orbital margin fragment.

38 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 left rib fragments, 8 body fragments.

Axis: Dens.

Cervical: 2 bodies.

Lumbar: 1 right inferior articular process.

4 vertebral body fragments, 2 articular process fragments, 1 pedicle.

UPPER LIMB:

Humerus: 1 shaft fragment.

Ulna: 2 proximal shaft fragments, 1 shaft fragment.

Radius: 3 shaft fragments, 1 proximal shaft fragment with partial tuberosity.

LOWER LIMB:

Femur: 1 shaft fragment with linea aspera, 1 antero-proximal shaft fragment, 3 condyle fragments.

Tibia: 5 anterior border fragments, 1 lateral border fragment, 1 inferior articular surface fragment.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 animal bone

CREMATION SUMMARY: All white

COMMENTS: 2 mm fraction mainly within the residue. The residue contained a high proportion of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

502

Urned burial

Spit 3

SKULL:

2 frontal fragment, left petrous portion fragment, 1 mastoid fragment.

54 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 iliac blade fragments, 1 iliac crest fragment, 1 acetabulum fragment, left sciatic notch (Sex: Male), right iliac blade fragment with partial arcuate line and auricular surface (Sex: Male??, Age: 30-30)

Rib: 1 right body fragment, 3 body fragments.

Cervical: 2 bodies, right superior and inferior articular process.

Thoracic: 1 body, 1 right superior articular process.

1 vertebral body fragments, 2 pedicles, 1 superior articular process fragment.

UPPER LIMB:

Scapula: Blade fragment with medial border.

Humerus: 5 shaft fragments, 2 distal shaft fragments.

Hands: 1 distal end of a phalanx, 2 metacarpal shaft fragments,

LOWER LIMB:

Femur: 2 postero-distal shaft fragments, 2 condyle fragments, 2 shaft fragments.

Tibia: 2 anterior border fragments, 1 tibial tuberosity fragment, 1 condyle fragment.

Fibula: 4 shaft fragments.

Foot: 1 talus fragment, 1 metatarsal fragment, 1 metatarsal head..

AGE: 30-39

SEX: Male

PATHOLOGY SUMMARY: None

PYRE GOODS: 4 animal bones from 2 different bones.

CREMATION SUMMARY: All white

COMMENTS: 2 mm fraction mainly within the residue. The residue contained a high proportion of unidentifiable bone fragments

ARC PHL 97

CONTEXT NUMBER

563

Urned burial

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Small amount of bone. Residue contained small amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

563

Urned burial

Spit 1

LOWER LIMB:

Tibia: 1 shaft fragment

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue present.

ARC PHL 97

CONTEXT NUMBER

563

Urned burial

Spit 2

SKULL:

Teeth: 1 molar root fragment.

AXIAL SKELETON:

Innominate: 1 iliac blade fragment.

Lumbar: 1 left inferior articular process, 1 left superior articular process.

UPPER LIMB:

Humerus: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue.

ARC PHL 97

CONTEXT NUMBER

563

Urned burial

Spit 3

SKULL:

3 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac blade fragment

Rib: 1 body fragment.

Thoracic: 1 left superior articular process.

UPPER LIMB:

Hands: 1 metacarpal head fragment.

LOWER LIMB:

Femur: 1 condyle fragment, 1 shaft fragment, 1 postero-distal shaft fragment.

Foot: 1 tarsal fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: Metacarpal head is dark grey

COMMENTS: No residue.

ARC PHL 97

CONTEXT NUMBER

563

Urned burial

Spit 4

SKULL:

Mandible: Anterior mandible fragment with sockets for central and lateral incisors, partial canine sockets also present.

Teeth: Right mandibular canine root.

2 cranial vault fragments.

AXIAL SKELETON:

Rib: 6 body fragments.

Thoracic: Right superior articular process.

2 vertebral body fragments.

UPPER LIMB:

Humerus: 4 shaft fragments, 1 distal articular surface fragment.

Hands: 2 metacarpal shaft fragments.

LOWER LIMB:

Femur: 6 postero-distal shaft fragments.

Tibia: Right postero-proximal shaft fragment with soleus line, 2 lateral border fragments, 4 shaft fragments.

Fibula: 1 shaft fragment.

Foot: 1 metatarsal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Moderate lipping and considerable pitting of the vertebral body surface, Striated lamellar bone on 4 tibial shaft fragments. Healed periostitis.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contains moderate amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

571

Urned burial

Spit 1

SKULL:

1 mastoid fragment, 1 occipital bone fragment, 1 right orbital outline fragment.

137 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 right rib fragment, 1 body fragment.

Cervical: 2 left inferior processes, 1 right inferior articular process, 1 body, 1 body fragment.

Thoracic: 4 right superior processes, 1 left superior process.

UPPER LIMB:

Clavicle: Shaft fragment.

Scapula: 1 spine fragment.

Humerus: 2 capitulum fragments, left trochlea fragment, deltoid tuberosity fragment, 1 distal shaft fragment.

Ulna: 1 shaft fragment.

Radius: Head fragment.

LOWER LIMB:

Femur: 4 linea aspera fragments.

Tibia: 1 shaft fragment, lateral border.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Slight porosity on cranial fragments.

PYRE GOODS: 6 unidentified bone fragments with turquoise staining.

CREMATION SUMMARY: All white.

COMMENTS: 2 mm fraction mainly within the residue. The residue contained a large proportion of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

571

Urned burial

Spit 2

SKULL:

2 frontal bone fragments, 1 occipital bone fragment, 1 left supra orbital margin with zygomatic process, 1 occipital condyle fragment, 1 supra-orbital margin fragment (Male??)

19 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 iliac crest fragments, 1 iliac blade fragment,

Rib: 1 body fragment (2nd rib), 2 body fragments.

Atlas: Right side.

Thoracic: 1 left inferior articular process, 1 right inferior articular process, right lamina with superior and inferior articular processes.

Lumbar: 1 left superior articular process,

1 vertebral body fragments.

UPPER LIMB:

Scapula: 2 spine fragments.

Humerus: 1 shaft fragment.

Ulna: 2 shaft fragments.

LOWER LIMB:

Femur: Proximal shaft fragment, anterior side, condyle fragment, head fragment, 1 shaft fragment, with linea aspera, 1 shaft fragment, anterior side.

Tibia: 2 shaft fragments, 1 condyle fragment.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Male??

PATHOLOGY SUMMARY: New bone formation on 2 femur? shaft fragments. It is affecting the cortex only and is smooth and slightly undulating. Healed periostitis.

PYRE GOODS: 2nd rib fragment with small turquoise staining on the outer surface.

CREMATION SUMMARY: All white

COMMENTS: Non metric trait: Double atlas facet.
2 mm fraction mainly within the residue. The residue contained a large proportion of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

571

Urned burial

Spit 3

SKULL:

Teeth: 1 root fragment.

Right petrous portion, left zygomatic fragment.

4 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac crest fragment, 1 iliac blade fragment,

Rib: 2 body fragments.

Thoracic: 1 body fragment with left superior articular process.

1 vertebral body fragments.

LOWER LIMB:

Femur: 1 linea aspera fragment, 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: New bone formation on a femur? shaft fragments. It is affecting the cortex only and is smooth and slightly undulating. Healed periostitis.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2 mm fraction mainly within the residue. The residue contained a moderate proportion of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

575

Redeposited cremated remains

SKULL:

2 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

1 pedicle fragment.

LOWER LIMB:

Tibia: 2 tibial anterior border fragments.

Fibula: 2 shaft fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained few fragments from the 2mm fraction

ARC PHL 97

CONTEXT NUMBER

591

Cremation-related deposit

SKULL:

8 cranial vault fragments.

LOWER LIMB:

Tibia: 2 shaft fragments, lateral border.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contains a small amount of unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

627

Urned burial

Spit 1

SKULL:

Teeth: 3 molar root fragments.

5 cranial vault fragments.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contained small amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

627

Urned burial

Spit 2

SKULL:

11 cranial vault fragments.

AXIAL SKELETON:

1 lamina fragment..

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 1 unidentified long bone fragment grey on the internal surface.

COMMENTS: Residue contained small amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

627

Urned burial

Spit 3

SKULL:

12 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 1 unidentified long bone fragment with dark grey internal surface.

COMMENTS: Residue contained small amount of unidentified bone fragments from the 2 mm fraction

ARC PHL 97

CONTEXT NUMBER

627

Urned burial

Spit 4

SKULL:

Mandible: 1 body fragment with partial 1 tooth socket.

3 occipital fragments, 1 frontal bone fragment, 1 parietal fragment.

33 cranial vault fragments.

AXIAL SKELETON:

Thoracic: 1 lamina.

UPPER LIMB:

Scapula: 1 glenoid and lateral border fragment, 4 blade fragments.

Humerus: 1 shaft fragment.

Radius: Head fragment.

LOWER LIMB:

Foot: 1 lateral cuneiform fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 animal bone ?

CREMATION SUMMARY: 3 cranial fragments blue-grey, 3 small fragments dark grey..

COMMENTS: Residue contained moderate amount of unidentified bone fragments from the 2 mm fraction

ARC PHL 97

CONTEXT NUMBER

627

Urned burial

Spit 5

SKULL:

Mandible: 1 body fragment, lingual surface.

Maxilla: 1 fragment.

4 cranial vault fragments.

UPPER LIMB:

Hands: 2 metacarpal shaft fragment.

LOWER LIMB:

Femur: 1 proximal shaft fragment.

Tibia: 5 anterior border fragments.

Foot: 2 metatarsal shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 2 black cranial vault fragments.

COMMENTS: Residue contained high amount of unidentified bone fragments from the 2 mm fraction

ARC PHL 97

CONTEXT NUMBER

627

Urned burial

Spit 6

SKULL:

8 cranial vault fragments.

AXIAL SKELETON:

Innominate: Acetabulum fragment.

2 vertebral body fragments.

UPPER LIMB:

Scapula: 2 border fragments.

Humerus: 2 shaft fragments.

Hands: 1 metacarpal shaft fragment

LOWER LIMB:

Femur: 1 shaft fragment.

Tibia: 1 shaft fragment.

Fibula: 1 shaft fragment.

Foot: 1 metatarsal fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 2 small fragments with turquoise staining.

CREMATION SUMMARY: Few black unidentified fragments within the residue.

COMMENTS: Residue contained high amount of unidentified bone fragments from the 2 mm fraction

ARC PHL 97

CONTEXT NUMBER

627

Urned burial

Spit 7

SKULL:

1 cranial vault fragments.

AXIAL SKELETON:

Innominate:

Rib: 3 body fragment.

Lumbar: 1 inferior articular process.

Sacrum: First element fragment.

3 vertebral body fragments.

UPPER LIMB:

Humerus: 3 shaft fragments.

LOWER LIMB:

Femur: 1 postero-distal shaft fragment, 1 shaft fragment. 1 linea aspera fragment..

Tibia: 2 anterior border fragments, 1 lateral border fragment.

Fibula: 5 shaft fragments.

Foot: 1 talus fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: Few unidentified black fragments within the 5 mm fraction and the residue.

COMMENTS:

Residue contained high amount of unidentified bone fragments from the 2 mm fraction

ARC PHL 97

CONTEXT NUMBER

627

Urned burial

Spit 8

AXIAL SKELETON:

Innominate: Right ischial tuberosity with acetabulum fragment. (Sex: Female??)

LOWER LIMB:

Femur: 4 shaft fragments.

Tibia: 1 anterior border fragment.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Female??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: Small black fragments present in 5 mm fraction and residue.

COMMENTS: Residue contained small amount of unidentified bone fragments from the 2 mm fraction

ARC PHL 97

CONTEXT NUMBER

632

Urned burial

SKULL:

4 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Small amount of bone within the residue.

ARC PHL 97

CONTEXT NUMBER

632

Urned burial

Spit 1

SKULL:

7 cranial vault fragments.

AXIAL SKELETON:

Thoracic: 1 spinous process.

LOWER LIMB:

Femur: 1 linea aspera fragment.

Tibia: 1 lateral border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Small amount of residue containing high proportion of 2 mm fraction fragments.

ARC PHL 97

CONTEXT NUMBER

632

Urned burial

Spit 2

SKULL:

Mandible: 1 condyle fragment.

14 cranial vault fragments.

AXIAL SKELETON:

3 vertebral body fragments.

UPPER LIMB:

Radius: Distal right shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC PHL 97

CONTEXT NUMBER

632

Urned burial

Spit 3

SKULL:

Mandible: 3 body fragments, lingual surface with partial sockets.

Teeth: 2 molar root fragments.

Left temporal fragment.

9 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 blade fragment, 1 acetabulum fragment.

Rib: 1 left fragment, 6 body fragments.

Cervical: 3 bodies.

Thoracic: 1 body fragment, 1 left transverse process.

Lumbar: 1 left superior articular process.

1 vertebral body fragment, 1 pedicle.

UPPER LIMB:

Scapula: Lateral border fragment.

Humerus: Head fragment.

Ulna: 2 shaft fragments.

LOWER LIMB:

Femur: 4 shaft fragments, 1 head fragment.
Tibia: 1 lateral border fragment.
Foot: Head of 1st metatarsal fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: Residue contained large amount of the 2 mm fraction bone fragments.

ARC PHL 97

CONTEXT NUMBER

638

Unurned burial

SKULL:

Teeth: Maxillary first left molar root (Rc; Age: 6), 1 single root, 2 molar root fragments, 1 root fragment, 2 crown fragments.

Right and left petrous portion fragments. 1 orbital roof fragment, 1 frontal sinus fragment.

112 cranial vault fragments.

AXIAL SKELETON:

Rib: 12 body fragment.

Cervical: 1 left inferior articular process.

Thoracic: 1 left superior articular process.

Lumbar: 1 left superior articular process.

1 vertebral body fragments, 3 articular process fragments, 3 pedicles.

UPPER LIMB:

Humerus: 1 shaft fragment.

Hands: 1 phalanx, 1 distal end of a phalanx.

LOWER LIMB:

Femur: 1 distal end fragment (unfused: younger than 14), 2 shaft fragments.

Foot: 1 talus fragment.

AGE: 6-13

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 11 unidentified fragments, 2 rib and 4 cranial fragment with iron staining.

1 unidentified bone with green staining.

Small copper sheet fragments found within residue.

1 Iron nail? found within residue.

Grave goods: 1 unburnt fish vertebra.

CREMATION SUMMARY: All white.

COMMENTS: 2 mm residue contained a high proportion of unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

642

Urned burial

SKULL:

Maxilla: 1 alveolar margin fragment.

Teeth: 1 maxillary premolar root fragment, 1 root fragment.

11 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 acetabulum fragment.

Rib: 1 body fragment.

Cervical: 1 body fragment.

1 vertebral body fragment.

LOWER LIMB:

Femur: 1 shaft fragment with linea aspera.

Tibia: 4 shaft fragments.

Foot: 1 3rd cuneiform fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY:

PYRE GOODS: 1 tibia shaft fragment and 2 cranial vault fragments with turquoise stain, 1 unidentified bone fragment with turquoise stain.

CREMATION SUMMARY: All fragments are white.

COMMENTS: The residue contained a small amount of bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

645

Urned burial

SKULL:

10 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

Cervical: 1 body fragment.

1 lamina fragment.
UPPER LIMB:
Scapula: 1 acromion fragment.
LOWER LIMB:
Fibula: 2 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a small amount of bone fragments from the 2 mm fraction

ARC PHL 97

CONTEXT NUMBER

657

Urned burial
LOWER LIMB:
Femur: 3 linea aspera fragments.
Tibia: 1 anterior border fragment.
Fibula: 3 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: 6 Dark grey/steel blue unidentifiable fragments. High frequency of abraded bone fragments.
COMMENTS: Large amount of residue containing small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

657

Urned burial
Spit 1
SKULL:
Maxilla: 1 fragment
4 cranial vault fragments.
LOWER LIMB:
Patella: 1 fragment.
Femur: 1 linea aspera fragment, 1 shaft fragment.
Fibula: 1 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: 1 fibula fragment grey-white, 9 spongy bone fragments and 2 long bone shaft fragments dark grey.
COMMENTS: Residue contained small amount of unidentified bone fragments from the 2 mm fraction

ARC PHL 97

CONTEXT NUMBER

657

Urned burial
Spit 2
SKULL:
5 cranial vault fragments.
AXIAL SKELETON:
Thoracic: 1 left superior articular process.
UPPER LIMB:
Scapula: Glenoid fossa fragment.
Humerus: Capitulum fragment, 2 head fragments
Radius: 2 shaft fragments.
Hands: 1 metacarpal head, 1 distal phalanx.
LOWER LIMB:
Femur: 1 shaft fragment, 1 linea aspera fragment.
Tibia: 3 anterior border fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: Dark grey small pieces of spongy bone in 5 mm and 2 mm fractions.
COMMENTS: Residue contained moderate amount of unidentified bone fragments from the 2 mm fraction

ARC PHL 97

CONTEXT NUMBER

657

Urned burial
Spit 3

SKULL:

Mandible: Ramus fragment, left coronoid fragment, body fragment, with partial molar root socket.

Right petrous portion

15 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 iliac crest fragments, 1 iliac blade fragment.

Ribs: 5 body fragments.

Atlas: 1 fragment, left side, 1 superior articular surface fragment..

Cervical: 1 body, 1 body fragment.

UPPER LIMB:

Scapula: Left coracoid process.

Humerus: Proximal shaft fragment, coronoid fragment..

Ulna: 3 shaft fragments.

Radius: 1 shaft fragment.

Hands: 1 proximal phalanx, 1 metacarpal shaft, 1 metacarpal head fragment.

LOWER LIMB:

Femur: 2 condyle fragments, 1 distal shaft fragment, 1 postero-distal shaft fragment, 1 linea aspera fragment, 2 shaft fragments.

Tibia: 1 tuberosity fragment, 2 shaft fragments with lateral border, 1 anterior border fragment.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: Several dark grey spongy bone fragments, 3 dark grey long bone fragments.

COMMENTS: No residue.

ARC PHL 97

CONTEXT NUMBER

657

Urned burial

Spit 4

SKULL:

Maxilla: Right palate.

Right zygomatic arch, right mandibular fossa, 1 frontal bone fragment, 1 supra orbital margin fragment..

7 cranial vault fragments.

AXIAL SKELETON:

Innominate: 3 iliac fragments, 1 acetabulum fragment, 1 iliac crest fragment.

Ribs: 1 body fragment.

1 vertebral body fragments, 1 pedicle fragment, 1 lamina fragment.

UPPER LIMB:

Humerus: 2 shaft fragments.

Radius: 1 distal shaft fragment.

Hands: Head of 1st metacarpal fragment.

LOWER LIMB:

Patella: 1 fragment.

Femur: 1 shaft fragment, 2 condyle fragments.

Tibia: 1 condyle fragment, 2 proximal shaft fragments.

Fibula: 2 shaft fragment.

Foot: Talus fragment, 1 proximal metatarsal fragment..

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 Iron nail? fragment.

2 shaft fragments with iron staining.

CREMATION SUMMARY: 9 light grey and dark grey long bone shaft fragments.

COMMENTS: No residue

ARC PHL 97

CONTEXT NUMBER

657

Urned burial

Spit 5

AXIAL SKELETON:

Innominate: 1 iliac crest fragment

Rib: 8 body fragments.

Atlas: Dens facet.

Thoracic: Right superior articular process.

Lumbar: 1 body fragment, 1 inferior process fragment.

UPPER LIMB:

Scapula: Spine fragment.

Humerus: 1 head.

LOWER LIMB:

Femur: 5 postero-distal shaft fragments, 1 linea aspera fragment, 1 left postero distal shaft fragment, 1 antero-distal shaft fragment, 9 shaft fragments, 1 condyle fragment.

Tibia: 2 anterior border fragments, 1 lateral border fragment.

Fibula: 1 distal end of left side.

AGE: Adult

SEX: Male?? (the size of the femur and tibia fragments strongly suggests male)

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 long bone fragment with iron staining.

CREMATION SUMMARY: Anterio-distal shaft fragment of femur is dark grey, atlas fragment is steel blue.

COMMENTS: All of the 2 mm fraction within the residue. Residue contained high amount of unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

673

Cremation-related deposit

Spit 1

SKULL:

Teeth: 1 root fragment,

Right temporal fragment with mandibular fossa, 1 right temporal fragment with mastoid fragment (Female?), 1 supra-orbital margin fragment, 1 zygomatic arch fragment

45 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 fragment.

Cervical: 1 body fragment, 1 body.

1 vertebral body fragments, 1 articular process fragment.,

UPPER LIMB:

Humerus: 1 proximal shaft fragment.

Radius: 2 shaft fragment, 1 fragment with tubercle fragment.

LOWER LIMB:

Patella: 1 fragment.

Tibia: 1 fragment with lateral border.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Female ??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

GRAVE GOODS: 1 animal bone fragment.

CREMATION SUMMARY: All white

COMMENTS: Large amount of residue containing a large quantity of 2 mm fraction bone fragments.

ARC PHL 97

CONTEXT NUMBER

673

Cremation-related deposit

Spit 2

SKULL:

Maxilla: 1 fragment with 2 partial tooth sockets.

Left temporal fragment with mandibular fossa.

24 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

LOWER LIMB:

Femur: 2 proximal shaft fragments, 3 linea aspera fragments, 1 shaft fragment.

Tibia: 1 lateral border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white.

COMMENTS: Large amount of residue containing a moderate amount of 2 mm fraction bone fragments.

ARC PHL 97

CONTEXT NUMBER

673

Cremation-related deposit

Spit 3

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Large amount of residue containing a moderate quantity of 2 mm fraction bone fragments.

ARC PHL 97

CONTEXT NUMBER

683

Redeposited cremated remains

Spit 1

SKULL:

9 cranial vault fragments.

LOWER LIMB:

Tibia: Anterior border fragment, II lateral border fragment.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Large amount of residue containing small amount of unidentifiable bone fragments from the 2 mm fraction. Some fragments are abraded.

ARC PHL 97

CONTEXT NUMBER

683

Redeposited cremated remains

Spit 2

SKULL:

10 cranial vault fragments.

UPPER LIMB:

Radius: 2 shaft fragments.

Hands: 1 phalanx shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Large amount of residue containing small amount of unidentifiable bone fragments from the 2 mm fraction. Some fragments are abraded.

ARC PHL 97

CONTEXT NUMBER

683

Redeposited cremated remains

Spit 3

SKULL:

2 cranial vault fragments.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction. Bone fragments are abraded.

ARC PHL 97

CONTEXT NUMBER

701

Cremation-related deposit

Spit 1

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained few fragments from the 2mm fraction.

ARC PHL 97

CONTEXT NUMBER

701

Cremation-related deposit

Spit 2

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained few fragments from the 2mm fraction

ARC PHL 97

CONTEXT NUMBER

701

Cremation-related deposit

Spit 3

LOWER LIMB:

Femur: 2 shaft fragments.
AGE: Adult?
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: None
COMMENTS: The residue contained few fragments from the 2mm fraction

ARC PHL 97

CONTEXT NUMBER

722

Urned burial

SKULL:

Teeth: 1 root fragment, 1 molar root fragment..

1 frontal bone fragment, 1 temporal bone fragment, right zygomatic arch fragment..

18 cranial vault fragments.

AXIAL SKELETON:

Rib: 4 body fragments.

Cervical: 2 body fragments.

1 vertebral body fragment.

UPPER LIMB:

Hands: 1 proximal phalanx fragment, 2 intermediate phalanges, 1 distal phalanx, 1 phalanx fragment..

LOWER LIMB:

Tibia: 1 anterior border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 iron nail? fragment.

2 rib fragment, 1 distal hand phalanx fragment and 1 unidentified bone fragments with iron staining

CREMATION SUMMARY: All white

COMMENTS: Large amount of residue containing small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

722

Urned burial

Spit 1

SKULL:

Mandible: Right condyle.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white.

COMMENTS: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

722

Urned burial

Spit 2

SKULL:

Teeth: 1 premolar fragment.

2 cranial vault fragments.

AXIAL SKELETON:

Rib: 4 body fragments.

Thoracic: 1 body, 1 pedicle, 1 spinal process.

UPPER LIMB:

Scapula: 1 coracoid fragment.

Hands: 1 metacarpal fragment, 1 phalanx fragment.

LOWER LIMB:

Femur: Linea aspera fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Schmorl's node present on thoracic vertebral body.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

722

Urned burial

Spit 3

SKULL:

Mandible: 2 body fragments.
Teeth: 5 crown fragments, 1 molar fragment, 3 molar root fragments, 2 root fragments.
2 frontal bone fragment, 1 styloid fragment.
11 cranial vault fragments.
AXIAL SKELETON:
Innominate: 1 iliac crest fragment.
Rib: 5 body fragments.
Thoracic: 1 body.
5 vertebral body fragments.
UPPER LIMB:
Humerus: 1 proximal shaft fragment, 2 shaft fragments.
Radius: 1 shaft fragment.
Hands: 1 scaphoid fragment, 2 metacarpal shaft fragments.
LOWER LIMB:
Femur: 1 linea aspera fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: 1 long bone fragment with turquoise coloured stain.
CREMATION SUMMARY: All white.
COMMENTS: The residue contained a high amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

722

Urned burial

Spit 4

SKULL:

Teeth: 1 root fragment.

3 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac crest fragment.

Rib: 7 body fragments.

Thoracic: 2 left transverse processes, inferior articular process fragment.

1 vertebral body fragments.

UPPER LIMB:

Scapula: 1 spine fragment, 1 blade fragment.

Humerus: 1 shaft fragment.

Radius: 1 head fragment.

Hands: 1 intermediate phalanx fragment, 1 1st metacarpal fragment, distal end, 3 metacarpal shaft fragments.

LOWER LIMB:

Femur: 1 linea aspera fragment, 1 shaft fragment.

Tibia: 1 shaft fragment, 1 postero-proximal shaft fragment with soleus line, 1 condyle fragment.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 unidentified fragment with faint green stain.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

722

Urned burial

Spit 5

SKULL:

Mandible: Anterior portion, lingual surface of the bone.

Teeth: 1 molar fragment, 1 root fragment.

Zygomatic bone fragment.

14 cranial vault fragments.

AXIAL SKELETON:

Innominate: Right ischial tuberosity, 2 iliac crest fragments, 2 blade fragment, 2 acetabulum fragments, 1 superior pubic ramus fragment.

Rib: 10 body fragments.

Cervical: 1 body.

Thoracic: 2 bodies, 1 superior left articular process, 1 right inferior articular process.

Lumbar: 1 superior left articular process.

4 vertebral body fragments, 1 articular process fragment.

UPPER LIMB:

Scapula: 1 glenoid fossa fragment, 4 blade fragments.

Humerus: 1 proximal shaft fragment, 5 shaft fragments, 1 head fragment, 1 capitulum fragment.

Ulna: 1 trochlea notch fragment.

Radius: 1 midshaft fragment.

Hands: Left lunate, 1 proximal phalanx fragment, 1 intermediate phalanx fragment, 1 trapezoid fragment, 1 distal phalanx, 1

metacarpal shaft fragment, 1 metacarpal head.

LOWER LIMB:

Patella: Right articulating surfaces, 3 patella fragments.

Femur: 1 antero-distal shaft fragment, 1 shaft fragment.

Tibia: 4 anterior border fragment, 4 lateral border fragments, 3 shaft fragment.

Fibula: 5 shaft fragment.

Foot: 1 navicular fragment, 1 talus fragment, 3 metatarsal shaft fragments, 1 metatarsal head fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 3 bone fragments with turquoise staining.

CREMATION SUMMARY: All white

COMMENTS: The residue contained mainly unidentified bone fragments from the 2 mm fraction, very few stones present.

ARC PHL 97

CONTEXT NUMBER

722

Urned burial

Spit 6

SKULL:

Mandible: 2 right body fragments with sockets for premolars and the first molar roots in situ, 2nd molar lost ante-mortem.

30 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac crest fragment, 2 body fragments.

Rib: 2 body fragments.

Cervical: 1 body, 1 body fragment

Thoracic: 2 right superior articular processes, 1 spinous process.

Lumbar: Left inferior articular process, 2 left superior articular processes.

Sacrum: First sacral element.

2 vertebral body fragments.

UPPER LIMB:

Ulna: 2 shaft fragments.

Hands: Proximal end of first metacarpal.

LOWER LIMB:

Femur: 1 shaft fragment.

Tibia: 2 anterior border fragments, 1 lateral border fragment, 1 medial border fragment.

Fibula: 2 shaft fragments.

Foot: 1 phalanx fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Ante-mortem tooth lost of right mandibular 2nd molar.

PYRE GOODS: None

CREMATION SUMMARY: 14 cranial fragments with black diploe.

COMMENTS: The residue contained mainly unidentified bone fragments from the 2 mm fraction, very few stones present.

ARC PHL 97

CONTEXT NUMBER

722

Urned burial

Spit 7

SKULL:

Maxilla: Anterior surface and palatine process, left side.

Teeth: 1 root fragment.

Sphenoid fragment.

AXIAL SKELETON:

Innominate: 5 iliac crest fragments, 2 iliac blade fragments, right ischial tuberosity (Sex: Male?), fragment of left ischial tuberosity, inferior part of pubic symphyses (Age: Stage V: 27-66), 1 auricular surface fragment, inferior margin of inferior demiface.

Rib: 12 body fragments.

Cervical: 1 body.

Thoracic: 2 bodies, 1 left transverse process, 1 right transverse process, 1 left superior articular process.

Lumbar: 3 bodies, 1 spinous process fragment, 1 transverse process..

2 vertebral body fragments.

UPPER LIMB:

Clavicle: Left lateral end.

Scapula: Right spine fragment, base of acromion, 3 blade fragments.

Radius: Distal third of right radius.

Hands: 1 distal phalanx, distal end of a phalanx., 1 carpal fragment.

LOWER LIMB:

Femur: 1 line aspera fragment, 2 postero-superior shaft fragments, 1 shaft fragment, anterior side, 1 condyle fragment.

Tibia: 1 shaft fragment, 1 anterior border fragment, 2 lateral border fragments, 2 condyle fragments.

Fibula: 4 shaft fragments, left distal end, proximal articular surface fragment.

Foot: 1 metatarsal shaft.

AGE: 27-66

SEX: Male?

PATHOLOGY SUMMARY:

Thoracic vertebral bodies: Schmorl's nodes, slight pitting of the surfaces and slight osteophyte formation at the joint margins.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

722

Urned burial

Spit 8

SKULL:

Mandible: Right condyle.

Teeth: 1 root fragment.

4 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 inferior half of pubic symphyses (Sex: Male), fragment of left ischial tuberosity.

Rib: 5 body fragments.

Cervical: 1 body, 1 body fragment, 1 inferior articular surface fragment..

Thoracic: 1 body, left transverse process.

Sacrum: 2 segment fragments.

UPPER LIMB:

Ulna: 1 distal articular surface fragment.

Radius: Half a head, 1 distal articular surface fragment.

Hands: 2 phalanx fragments.

LOWER LIMB:

Femur: Right proximal shaft and neck, 2 postero-proximal shaft fragments, 2 shaft fragments, 3 condyle fragments.

Tibia: 4 shaft fragments, 2 articular surface fragments.

Fibula: 7 shaft fragments, 1 distal shaft fragment.

AGE: 27-66

SEX: Male

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 small fragment of unburnt glass

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

729

Redeposited cremated remains

SKULL:

1 zygomatic arch fragment.

5 cranial vault fragments.

AXIAL SKELETON:

1 inferior articular process fragment, 1 pedicle fragment.

LOWER LIMB:

Femur: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white, few spongy bone pieces are present.

COMMENTS: The residue contained a small amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

741

Unurned burial

Spit 1

SKULL:

Mandible: 1 inferior margin of the mandibular body fragment.

Teeth: 1 3rd mandibular molar root, 1 incisor root.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

741

Unurned burial

Spit 2

SKULL:

17 cranial vault fragments.
AXIAL SKELETON:
1 inferior articular process.
LOWER LIMB:
Femur: 2 shaft fragments with linea aspera, 1 shaft fragment.
Tibia: 1 shaft fragment.
Fibula: 1 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a small amount of bone from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

758

Urned burial

Spit 6

LOWER LIMB:

Fibula: 1 shaft fragment.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No bone in spit 1-5.

Residue contained a small amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

758

Urned burial

Spit 7

SKULL:

6 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 fragment.

UPPER LIMB:

Humerus: 1 proximal shaft fragment, 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contained a small amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

758

Urned burial

Spit 8

UPPER LIMB:

Hands: 1 metacarpal shaft.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contained a small amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

758

Urned burial

Spit 9

UPPER LIMB:

Humerus: 1 distal right shaft fragment, 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contained small amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

758

Urned burial

Spit 10

AXIAL SKELETON:

Rib: 2 body fragments.

LOWER LIMB:

Femur: Condyle fragment, left femur, 1 shaft fragment, 3 posterior shaft fragment with linea aspera.

Tibia: Condyle fragment, right tibia, 1 lateral border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 4 unidentified bone fragments with iron staining.

CREMATION SUMMARY: All white.

COMMENTS: Residue contained a moderate amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

758

Urned burial

Spit 11

SKULL:

Occipital condyle fragment.

AXIAL SKELETON:

Rib: 1 body fragment,.

LOWER LIMB:

Tibia: Condyle fragment, 1 postero-proximal shaft fragment with foramen.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 1 unidentified fragment grey.

COMMENTS: Residue contained small amount of unidentifiable bone fragments

ARC PHL 97

CONTEXT NUMBER

758

Urned burial

Spit 12

SKULL:

1 cranial vault fragments.

AXIAL SKELETON:

Innominate: Left pubic symphysis fragment (Age: 21-53).

Thoracic: Right superior process and pedicle.

1 articular process fragment.

UPPER LIMB:

Scapula: Right glenoid fossa and lateral border fragment.

LOWER LIMB:

Tibia: Right tibial tuberosity.

AGE: 21-53

SEX: Male?

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Residue contained a small amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

758

Urned burial

Spit 13

SKULL:

Mandible: Left body fragment with tooth sockets for 2nd and 3rd molars, left coracoid process.

Left zygomatic arch fragment.

4 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac crest fragment (Male?)

Rib: 5 body fragments.

Thoracic: 1 right inferior articular process, 1 body fragment.

Lumbar: Left superior articular process.

1 vertebral body fragments, 1 articular process fragment.

UPPER LIMB:

Humerus: 2 shaft fragments.

Ulna: 1 proximal shaft fragment.

Hands: 1 metacarpal shaft fragment.

LOWER LIMB:

Femur: 1 shaft fragment, 1 head fragment.

Tibia: 2 shaft fragments, 1 tubercles of intracondylar eminence fragment.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Male?

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 1 dark grey spongy fragment, 6 steel grey unidentified fragments, 20 fragments normal colour but black internally (Charred), 18 fragments which are blue-white. Numerous small black bone pieces in the residue and the 2mm fraction.

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

758

Urned burial

Spit 14

SKULL:

19 cranial vault fragments.

AXIAL SKELETON:

Rib: 4 bodies.

Cervical: 1 body.

Thoracic: 2 left superior articular processes, 1 right superior articular process 1 left inferior articular process.

Lumbar: 1 body, 1 left superior articular process..

2 vertebral body fragments.

UPPER LIMB:

Radius: 2 shaft fragments.

LOWER LIMB:

Femur: 3 shaft fragments.

Tibia: 5 shaft fragments, 1 anterior border fragment.

Fibula: 5 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 6 small grey-white fragments, few small grey fragments within the 2 mm fraction.

COMMENTS: The residue contained a moderate amount of unidentified bone fragments.

ARC PHL 97

CONTEXT NUMBER

758

Urned burial

Spit 15

SKULL:

1 frontal fragment.

17 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 auricular surface fragment (Sex: Male, Age: 30-39)

Rib: 3 left rib fragments, 1 right rib fragment, 3 rib fragments.

Thoracic: 3 bodies, 1 superior right articular process..

3 vertebral body fragments.

UPPER LIMB:

Humerus: 1 proximal shaft fragment.

Ulna: 1 shaft fragment.

LOWER LIMB:

Femur: 1 head, 3 postero-proximal shaft fragments, 2 shaft fragment.

Tibia: 2 lateral border fragments.

Fibula: 3 shaft fragments.

AGE: 30-39

SEX: Male

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue.

ARC PHL 97

CONTEXT NUMBER

758

Urned burial

Spit 16

SKULL:

1 right temporal fragment with posterior zygomatic arch (Male).

11 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac crest fragment, 1 iliac blade fragment, 1 acetabulum fragment, 1 left superior ramus of pubis fragment.

Rib: 3 body fragments, 1 left body fragment.

Cervical: 1 body

Thoracic: 3 bodies, 1 lamina with inferior articular process fragment, 1 right inferior articular process, 1 right transverse process, 2 right superior articular processes.

Lumbar: 1 right superior articular process, 1 left superior articular process, 1 spinous process.

2 vertebral body fragments, 1 articular process.

UPPER LIMB:

Scapula: 1 right coracoid process.

Ulna: 1 shaft fragment.

Radius: 1 shaft fragment.

LOWER LIMB:

Femur: 1 midshaft fragment, 1 postero-superior fragment, 2 shaft fragments.

Tibia: 1 lateral side fragment, 1 shaft fragments.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Male

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue.

ARC PHL 97

CONTEXT NUMBER

758

Urned burial

Spit 17

SKULL:

Mandible: 1 body fragment with 2 partial sockets.

1 frontal fragment, 1 occipital fragment, 1 mandibular fossa fragment, 1 zygomatic arch fragment, 1 left petrous portion fragment.

40 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac crest fragment, 2 acetabulum fragments.

Axis: Body, dens and superior articular surfaces.

Thoracic: 2 bodies, 1 superior and inferior articular processes with transverse process fragment, right inferior articular process, 1 left transverse process.

Lumbar: Right superior articular process, 1 left superior articular process.

15 vertebral body fragments, 4 articular process fragments.

UPPER LIMB:

Scapula: 1 glenoid fossa fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: Mainly white, few unidentified grey fragments.

COMMENTS: Residue contained a moderate amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

801

Urned burial

Spit 1

SKULL:

Orbital rim

11 cranial vault fragments.

AXIAL SKELETON:

Innominate:

Rib: 1 body fragment.

Thoracic: Right superior articular process.

UPPER LIMB:

Humerus: Head fragment, capitulum fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

801

Urned burial

Spit 2

SKULL:

Teeth: 6 crown fragment, 3 molar root fragments, 4 root fragments.
 Left petrous portion, occipital fragment
 25 cranial vault fragments.
 AXIAL SKELETON:
 Innominate: Left acetabulum and ischial tuberosity fragment, acetabulum fragment, iliac blade fragment, iliac blade and crest fragment, superior demiface of left auricular surface (Female, aged 40-50 years)
 Rib: 6 body fragments.
 Atlas: 1 spinous process.
 Cervical: 1 inferior articular process.
 Thoracic: 1 spinous process.
 Lumbar: Left inferior articular process with lamina fragment, right inferior articular process, left superior articular process, 1 vertebral body fragment.
 UPPER LIMB:
 Scapula: Left glenoid fossa fragment, right glenoid fossa and infraglenoid tubercle fragment.
 Humerus: Right intertubercular groove fragment, 2 shaft fragments.
 Radius: 1 shaft fragment
 LOWER LIMB:
 Fibula: 1 shaft fragment.
 Foot: Right proximal 5th metatarsal fragment, proximal phalanx of 1st digit fragment, metatarsal shaft fragment.
 AGE: 40-50
 SEX: Female
 PATHOLOGY SUMMARY: None
 PYRE GOODS: Fe staining on a cranial vault fragment.
 2 animal bones present.
 CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

801

Urned burial

Spit 3

SKULL:

Teeth: Right third maxillary molar, 1 single root, 2 molar root fragment, 4 crown fragment, 1 molar crown fragment.
 1 frontal bone fragment, 1 zygomatic arch fragment.

44 cranial vault fragments.

AXIAL SKELETON:

Innominate: 4 fragments, right ischial tuberosity.

Rib: 11 body fragments.

Cervical: 1 spinal process, 1 inferior articular process.

Thoracic: 1 spinal process.

Lumbar: Right inferior articular process, left superior articular process.

5 vertebral body fragments, 1 articular process.

UPPER LIMB:

Humerus: 5 shaft fragments, 1 distal shaft fragment, capitulum fragment.

Radius: 1 shaft fragment.

Hands: Distal end of a phalanx, 2 metacarpal shaft fragments.

LOWER LIMB:

Femur: Right head, 4 shaft fragments, condyle fragment.

Foot: Metatarsal head.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 2 animal bones, 1 iron nail.

CREMATION SUMMARY: All white, few fragments abraded.

ARC PHL 97

CONTEXT NUMBER

801

Urned burial

Spit 4

SKULL:

Mandible: 1 left side with a molar root socket.

Maxilla: 1 right fragment with 5 root sockets.

Teeth: 1 molar root fragment.

1 occipital with partial edge of foramen magnum, mandibular fossa, zygomatic fragment.

42 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 iliac blade fragments, 2 left auricular surface fragments (Female?, age: 40-44 years)

Rib: 4 body fragments

Axis: Dens

Thoracic: 1 left superior articular process, 2 vertebral body, 1 right transverse process, 1 spinal process.

Lumbar: 1 vertebral body fragment with right superior articular process, 1 left inferior articular process, 1 right inferior articular process, 1 right superior articular process, 1 inferior articular process.

8 vertebrae fragments.

UPPER LIMB:

Scapula: 1 anterior border fragment.
 Humerus: 2 proximal shaft fragments, 1 shaft fragment.
 Ulna: 2 shaft fragments.
 Radius: 1 shaft fragment.
 Hands: 1 proximal phalanx, 1 distal half of a proximal phalanx.
 LOWER LIMB:
 Patella: Lateral articular surface of left patella.
 Femur: 2 distal end, posterior side fragment, 3 proximal end, posterior side shaft fragments, 5 shaft fragments.
 Tibia: 1 right proximal end shaft fragment, 4 shaft fragments.
 Fibula: 8 shaft fragments.
 Foot: Head of 1st left metatarsal, cuboid fragment, 2 intermediate phalanges..
 AGE: 40-44 years
 SEX: Female?
 PATHOLOGY SUMMARY: Slight porosity on vertebral bodies.
 PYRE GOODS: 4 animal bones. iron staining on 5 pieces of unidentified bone and a rib fragment.
 CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

801

Urned burial

Spit 5

SKULL:

Mandible: 1 body fragment, lingual surface with 2 root sockets.

8 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 fragment.

Rib: 1 body fragment.

Lumbar: 1 body fragment, 1 right superior articular process, 1 left inferior articular process.

LOWER LIMB:

Femur: 3 shaft fragments, posterior side.

Tibia: 5 shaft fragments.

Fibula: 10 shaft fragments, right and left distal articular surfaces.

Foot: Right and left talus fragments, right calcaneus fragment, 1 calcaneus fragment, 1 medial cuneiform fragment, Head of 1st metatarsal, 5 metatarsal fragment, 1 proximal phalanx of the first digit, 8 phalanx fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 2 animal bone fragments.

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

834

Redeposited cremated remains

SKULL:

4 cranial vault fragments.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 2 small burnt flint fragments (< 1 g)

COMMENTS: All bones were considerably eroded and chalky. The residue contained a very small amount of bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

859

Urned burial

SKULL:

3 cranial vault fragments.

LOWER LIMB:

Tibia: 4 shaft fragments with anterior border.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 7 animal bone fragments (3 g)

CREMATION SUMMARY: All white.

COMMENTS: The residue contained a high proportion of bone from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

860

Cremation-related deposit

SKULL:

4 cranial vault fragments.
AXIAL SKELETON:
Innominate: 1 iliac blade fragment.
Cervical: 1 left superior and inferior articular process fragment.
Thoracic: 1 right inferior articular process and transverse process fragment.
1 inferior process fragment.
LOWER LIMB:
Femur: 2 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: 2 animal bone fragments (1 g)
CREMATION SUMMARY: All white.
COMMENTS: The residue contained very few bone fragments. The animal bones were the same colour and shape as those from deposit 859. Could this mean that this is the same individual?

ARC PHL 97

CONTEXT NUMBER

968

Redeposited cremated remains

SKULL:

Teeth: 1 molar root fragment.

11 cranial vault fragments.

AXIAL SKELETON:

Thoracic: 1 left superior articular process.

2 vertebral fragments.

LOWER LIMB:

Fibula: 1 distal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of bone from the 2 mm fraction

ARC PHL 97

CONTEXT NUMBER

1000

Redeposited cremated remains

AXIAL SKELETON:

8 inferior articular processes.

UPPER LIMB:

Humerus: 1 shaft fragment.

AGE: Immature

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 3 animal bones.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very small amount of bone from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

1003

Cremation-related deposit

SKULL:

1 temporal bone fragment, left petrous portion.

11 cranial vault fragments.

AXIAL SKELETON:

Thoracic: 1 left superior articular process.

2 articular process fragments.

UPPER LIMB:

Humerus: 2 shaft fragments, 1 postero-distal shaft fragment.

Radius: 1 head fragment.

LOWER LIMB:

Femur: 2 shaft fragments.

Tibia: 1 anterior border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 turquoise stain on cranial bone fragment.

CREMATION SUMMARY: All white.

COMMENTS: The residue contained a small amount of bone from the 2 mm fraction

ARC PHL 97

CONTEXT NUMBER

1013

Pyre site
Spit 1
LOWER LIMB:
Fibula: 1 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: None

ARC PHL 97

CONTEXT NUMBER

1013

Pyre site
Spit 2
LOWER LIMB:
Tibia: 1 anterior border fragments, 1 postero-superior shaft fragment,
Fibula: 1 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: 2 burnt flint fragments (1 g)

ARC PHL 97

CONTEXT NUMBER

1014

Pyre site
SKULL:
Teeth: 1st mandibular premolar crown, 1 single roots, 1 molar root fragment.
14 cranial vault fragments.
AXIAL SKELETON:
Rib: 3 body fragments.
Atlas: 1 superior articular surface fragment, 1 inferior articular surface fragment.
Cervical: 1 body and pedicle fragment, 1 superior and inferior articular processes with lamina fragment.
Lumbar: Left inferior articular process.
1 pedicle.
UPPER LIMB:
Hands: 1 distal phalanx fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
GRAVE GOODS: 1 fragment of oyster shell, 1 glass fragment.
CREMATION SUMMARY:
2 pieces of burnt flint.
COMMENTS:
High frequency of abraded bone fragments.
Large amount of residue containing small amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

1014

Pyre site
Spit 1
AXIAL SKELETON:
Rib: 4 body fragments.
Thoracic: Left superior articular process and pedicle, 1 right inferior process, 1 left inferior process,
2 inferior process fragments.
UPPER LIMB:
Ulna: 1 shaft fragment.
AGE: Unknown
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: 2 burnt flint fragments (3 g)

ARC PHL 97

CONTEXT NUMBER

1014

Pyre site
Spit 2
SKULL:
Teeth: 2 deciduous single tooth roots.

19 cranial vault fragments.
AXIAL SKELETON:
Rib: 4 body fragments.
1 left and 1 right inferior articular processes.
LOWER LIMB:
Femur: 1 shaft fragment.
AGE: Immature
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

1014

Pyre site

Spit 3

SKULL:

Mandible: 1 body fragment, lingual surface.

10 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

AGE: Immature (based on cranial thickness)

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

1091

Unurned burial

SKULL:

9 cranial vault fragments.

AGE: Subadult (0-18 years), based on cranial thickness observtion.

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 2 burnt flint fragments (3 g)

COMMENTS: The residue contained a small amount of bone fragments from the 2 mm fraction

ARC PHL 97

CONTEXT NUMBER

1092, sub-group 1069

Urned burial

SKULL:

2 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: Cranial fragments are black, 2 spongy pieces of bone, dark grey.

COMMENTS: The residue contained small amount of unidentified bone fragments form the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

1092

Urned burial

Spit 1

SKULL:

Left zygomatic frontal process, right zygomatic frontal process.

3 cranial vault fragments.

LOWER LIMB:

Fibula: 1 shaft fragment.

Foot: 5th metatarsal fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 10 mm fraction: Cranial vault fragments are mainly black with a blue tinged or white ecto-cranial surface. 5 unidentified long bone fragments are white with a black core.

5 mm fraction: unidentified fragments which are white with a black core.

COMMENTS: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

1092

Urned burial

Spit 2

SKULL:

Mandible: Left condyle and neck fragment, 2 body fragments, lingual surfaces with partial tooth sockets for all incisors, left canine, premolars and 1st molar, 1 antero-lingual body fragment with superior and inferior mental spines, 1 body fragment, lingual surface with 2 partial root sockets..

Maxilla: Right palate fragment.

Teeth: Mandibular right first molar.

1 right frontal bone fragment with supra orbital margin and orbital roof (Cribra orbitalia, type 1, Sex: Female?), 1 temporal bone fragment.

36 cranial vault fragments.

AXIAL SKELETON:

Rib: 5 body fragments.

Thoracic: 1 spinous process.

UPPER LIMB:

Scapula: 1 medial border fragment, 2 blade fragments.

Humerus: 1 antero-distal shaft fragment, 2 shaft fragments, 1 head fragment, 1 capitulum fragment.

Hands: 1 proximal phalanx fragment, 1 metacarpal shaft fragment, 1 phalanx fragment..

LOWER LIMB:

Tibia: 2 shaft fragments, 1 superio-posterior shaft fragment with soleus line, 2 anterior border fragments, 2 lateral border fragments, 2 shaft fragments.

Fibula: 4 shaft fragments.

AGE: Adult

SEX: Female ??

PATHOLOGY SUMMARY: Cribra orbitalia, type 1, healed.

PYRE GOODS: None

CREMATION SUMMARY: 10 mm: 4 cranial vault fragments (occipital or parietal) mainly black with white patchy ecto-cranial surface, 3 tibial fragments dark grey with white patchy cortical surface.

5 mm: 2 cranial vault fragments black.

COMMENTS: The residue contained mainly unidentified bone from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

1092

Urned burial

Spit 3

SKULL:

Maxilla: 1 fragment.

Left supra-orbital margin and orbital roof (Cribra orbitalia, type 1, Sex: Female?).

6 cranial vault fragments.

AXIAL SKELETON:

Thoracic: 2 lamina fragments.

UPPER LIMB:

Hands: 1 1st metacarpal fragment, distal end.

LOWER LIMB:

Patella: 1 left fragment, medial articular surface.

Femur: 2 condyle fragments, 2 shaft fragments.

Tibia: 1 anterior border shaft fragment, 2 shaft fragments.

Fibula: 2 shaft fragments.

Foot: 1 metatarsal head, 1 1st metatarsal head fragment.

AGE: Adult.

SEX: Female?

PATHOLOGY SUMMARY: Cribra orbitalia, type 1, healed.

PYRE GOODS: None

CREMATION SUMMARY: 10 mm: Tibia fragments black core with whitish blue cortex.

5 mm: Fibula fragment Black core with patchy white and black cortex.

COMMENTS: The residue contained mainly unidentified bone from the 2 mm fraction

ARC PHL 97

CONTEXT NUMBER

1092

Urned burial

Spit 4

SKULL:

3 cranial vault fragments.

LOWER LIMB:

Femur: 1 shaft fragment, 3 anterior shaft fragments, 3 posterior shaft fragments with linea aspera., 2 condyle fragment, 1 linea aspera fragment.

Tibia: 6 shaft fragments, 2 anterior border fragments.

AGE: Adult

SEX: Female?

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 3 tibia fragments, black, 3 tibia fragments black core with white cortex.
 COMMENTS: No residue.

ARC PHL 97

CONTEXT NUMBER

1092

Urned burial

Spit 5

LOWER LIMB:

Patella: 1 fragment.

Tibia: 4 shaft fragments, 1 superio-posterior fragment with soleus line, 2 lateral side fragments, 1 distal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 3 tibia shaft fragments brown with black core, 1 patella fragment brown with black core.

COMMENTS: No residue

ARC PHL 97

CONTEXT NUMBER

1092

Urned burial

Spit 6

AXIAL SKELETON:

Rib: 1 body fragment.

UPPER LIMB:

Scapula: Left blade, lateral border.

Humerus: 1 shaft fragment.

LOWER LIMB:

Femur: 3 shaft fragments.

Tibia: 1 condyle fragment, 1 distal end fragment.

Fibula: 1 distal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 animal tibia fragment (Black coloured)

CREMATION SUMMARY: 1 femur shaft fragment black with white areas, scapula fragment is grey-blue.

COMMENTS: The residue contained small amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

1102

Redeposited cremated remains

SKULL:

1 cranial vault fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

1111

Urned burial

Spit 1

SKULL:

Mandible: Left side of mandible, including the coronoid process (Ante-mortem tooth loss M1, general shape: Female), right condyle fragment.

Maxilla: Right palate fragment with alveolar margin (Ante-mortem tooth loss Pm2 and M1, also abscess of M1, drains into the sinus cavity).

Teeth: 1st left maxillary molar crown, 2 single roots, 3 root fragments.

Frontal bone, right orbital margin (Sex: Female), 1 occipital fragment, left petrous portion, right zygomatic bone in 2 fragments 1 temporal bone fragment, 1 sphenoid fragment, right zygomatic arch fragment with temporal bone, left orbital margin (Sex Female)

24 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 iliac crest fragments, 1 superior pubic ramus fragment, 1 greater sciatic notch (Sex: Female).

Rib: 16 body fragments.

Atlas: superior and inferior articular surface fragment, posterior arch fragment..

Axis: Body with dens fragment.

Cervical: 1 lamina fragment, 1 body, 4 body fragments, 1 inferior articular surface fragment..

Thoracic: 1 spinous process fragment, left inferior articular process, right superior articular process..

5 vertebral body fragments, 1 pedicle.

UPPER LIMB:

Scapula: Right coracoid process, 10 blade fragments.
 Humerus: 4 shaft fragments, 1 proximal shaft fragment.
 Ulna: 1 olecranon process fragment, 1 shaft fragment,
 Radius: Distal articular surface fragment, 2 shaft fragments.
 Hands: 1 metacarpal shaft fragment, 2 phalanx fragments, distal ends.
 LOWER LIMB:
 Femur: 4 condyle fragments, 2 proximal shaft fragments, 3 shaft fragments with linea aspera, 4 shaft fragments.
 Tibia: 1 condyle with shaft fragment, 3 shaft fragments with anterior border, 6 anterior border fragments, 1 superio-posterior fragment with soleus line.
 AGE: Adult
 SEX: Female??
 PATHOLOGY SUMMARY: Ante-mortem tooth loss, dental abscess.
 PYRE GOODS: None
 CREMATION SUMMARY: All white
 COMMENTS: 2 mm fraction contained small amount of stone.

ARC PHL 97

CONTEXT NUMBER

1111

Urned burial

Spit 2

SKULL:

Mandible: Right mandible fragment.

Maxilla: Left side with alveolar margin and palate (ante-mortem of the incisors, canine. Abscess of 1st premolar).

Teeth: 1 molar root fragment.

Left temporal fragment, frontal bone fragment, left mastoid fragment, right temporal fragment, left zygomatic arch fragment, vomer fragment, right zygomatic arch fragment.

30 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 superior pubic ramus fragment.

Rib: 3 left fragments, 1 right fragment, 10 body fragment.

Atlas: 1 superior and inferior articular surface fragment. 1 Inferior articular surface fragment.

Cervical: 1 spinous process, 3 bodies, 2 body fragments. 1 left superior and inferior articular processes fragment, 2 left inferior processes. 1 left inferior articular process with spinal process fragment.

Thoracic: 2 transverse process fragments, 1 body fragment, 2 left superior articular processes, 1 inferior left articular process, 1 superior right articular process,

Sacrum: 1st sacral element fragment with left articular process, 1 sacral alae fragment.

7 vertebral body fragments, 1 inferior right articular process fragment, 1 lamina fragment.

UPPER LIMB:

Scapula: 1 spine fragment, 4 blade fragments. 1 medial border fragment.

Clavicle: Right lateral end fragment, 1 body fragment.

Humerus: 1 head fragment, 2 proximal shaft fragments, 5 shaft fragments.

Ulna: 1 proximal shaft fragment.

Radius: 1 head fragment, 2 shaft fragments.

Hands: 1 intermediate phalanx fragment, distal end, 1 phalanx shaft fragment..

LOWER LIMB:

Femur: 1 postero-proximal shaft fragment, 2 postero-inferior shaft fragments, 2 linea aspera fragment, 7 shaft fragments.

Tibia: 6 anterior border fragments, 1 shaft fragment with anterior border, 2 fragments with lateral border.

Fibula: Distal articular end fragment, 6 shaft fragments,.

Foot: Head of 1st metatarsal fragment, 1 metatarsal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Moderate porosity on the cervical vertebral bodies.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

1115

Urned burial

Spit 1

SKULL:

3 cranial vault fragments.

LOWER LIMB:

Femur: 1 posterior shaft fragment.

Tibia: 2 anterior border fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

1115

Urned burial

Spit 2

SKULL:

4 cranial vault fragments.

AXIAL SKELETON:

1 pedicle fragment.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

1115

Urned burial

Spit 3

SKULL:

Right petrous portion.

1 cranial vault fragments.

UPPER LIMB:

Scapula: 1 blade fragment.

Humerus: 2 distal shaft fragments.

Hands: 1 metacarpal shaft fragment.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

1115

Urned burial

Spit 4

SKULL:

11 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

UPPER LIMB:

Humerus: Proximal shaft fragment.

Hands: Distal end of a phalanx.

LOWER LIMB:

Patella: 1 fragment.

Tibia: Anterior border shaft fragment, 1 lateral border shaft fragment.

Fibula: 2 shaft fragments.

Foot: 1 metatarsal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

1115

Urned burial

Spit 5

SKULL:

Mandible: Right condyle and neck.

Teeth: 1 mandibular molar fragment.

24 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 left fragment, 2 body fragments.

1 vertebral body fragments.

UPPER LIMB:

Humerus: 4 shaft fragments.

Ulna: 2 shaft fragments, 1 trochlea notch fragment.

LOWER LIMB:

Tibia: 3 shaft fragments, 1 anterior border shaft fragment.

Fibula: 10 shaft fragments.
Foot: 1 talus fragment, 1 lateral cuneiform fragment, 1 metatarsal shaft fragment, 1 metatarsal head..
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a high amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

1115

Urned burial

Spit 6

SKULL:

Mandible: Left body fragment.

Teeth: 1 molar crown fragment, 1 molar root fragment.

33 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 blade fragments, auricular surface fragment, left superior demiface (Age: 40-44, sex: Male??), left ischial tuberosity.

Rib: 7 body fragment, 2 right rib fragments.

Cervical: 2 body fragments.

Sacrum: 1st segment fragment.

UPPER LIMB:

Scapula: 1 blade fragment.

Humerus: 3 shaft fragments.

Radius: 1 shaft fragment.

Hands: 1 proximal phalanx fragment, 3 intermediate phalanx fragments, 1 phalanx fragment.

LOWER LIMB:

Patella: 2 fragments.

Femur: 4 condyle fragments, 2 superio-posterior shaft fragments, 2 shaft fragments/

Tibia: 4 anterior border shaft fragments, 1 shaft fragment with lateral border.

Fibula: 9 shaft fragment.

Foot: 1 head of metatarsal fragment.

AGE: 40-44

SEX: Male??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

1115

Urned burial

Spit 7

SKULL:

Teeth: 1 molar crown and root fragment.

Right supra orbital margin and orbital roof (Sex: Female).

21 cranial vault fragments.

AXIAL SKELETON:

Innominate: Right auricular surface and arcuate line fragment (Sex: Female). 1 iliac crest fragment.

Rib: 20 body fragments.

Thoracic: 1 spinous process, 1 left inferior articular process.

3 vertebral body fragments.

UPPER LIMB:

Scapula: 4 blade fragments.

Humerus: 2 shaft fragments.

Hands: 1 metacarpal shaft fragment.

LOWER LIMB:

Femur: 2 posterior shaft fragments.

Tibia: 1 shaft fragment, 1 anterior border fragment..

Fibula: 5 shaft fragment.

Foot: 1 cuboid fragment.

AGE: Adult

SEX: Female

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

1115

Urned burial
 Spit 8
 SKULL:
 Mandible: 1 body fragment.
 1 zygomatic bone fragment.
 31 cranial vault fragments.
 AXIAL SKELETON:
 Innominate: 1 acetabulum fragment, 1 blade fragment.
 Rib: 16 body fragments.
 Thoracic: 1 spinous process fragment.
 Lumbar: 2 spinous processes.
 6 vertebral body fragments.
 UPPER LIMB:
 Scapula: Left coronoid process, 6 blade fragments, 1 medial border fragment.
 Humerus: 4 shaft fragment.
 Radius: Head fragment, 2 shaft fragments.
 Hands: 2 metacarpal shaft fragments, 1 intermediate phalanx fragment.
 LOWER LIMB:
 Femur: 4 shaft fragments.
 Tibia: 2 anterior border fragment, 1 shaft fragment.
 Fibula: Head fragment, 5 shaft fragment.
 Foot: Head of 1st metatarsal fragment, 1 phalanx fragment..
 AGE: Adult
 SEX: Unknown
 PATHOLOGY SUMMARY: None
 PYRE GOODS: 1 Iron fragment.
 GRAVE GOODS: 1 fish vertebra.
 CREMATION SUMMARY: All white.
 COMMENTS: The residue contained a high amount of unidentified bone fragments from the 2 mm fraction.

ARC PHL 97

CONTEXT NUMBER

1115

Urned burial
 Spit 9
 SKULL:
 Mandible: Left condyle.
 Teeth: 1 root fragment.
 20 cranial vault fragments.
 AXIAL SKELETON:
 Rib: 18 body fragments, 1 right body fragment.
 Lumbar: 3 spinous process fragments.
 UPPER LIMB:
 Clavicle: 1 fragment.
 Ulna: Left coronoid process, 2 shaft fragments.
 Radius: Head fragment, 1 shaft fragment.
 Hands: 1 metacarpal shaft and head, 1 phalanx head fragment.
 LOWER LIMB:
 Femur: 2 condyle fragments.
 Tibia: 2 shaft fragments.
 Fibula: 1 shaft fragment.
 AGE: Adult
 SEX: Unknown
 PATHOLOGY SUMMARY: None
 PYRE GOODS: None
 CREMATION SUMMARY: All white
 COMMENTS: No residue.

ARC PHL 97

CONTEXT NUMBER

1135

Unurned burial or redeposited pyre debris
 SKULL:
 5 cranial vault fragments.
 AXIAL SKELETON:
 Thoracic: 1 superior articular process.
 Lumbar: 1 inferior articular process.
 1 vertebral body fragment and 1 pedicle.
 AGE: Adult
 SEX: Unknown
 PATHOLOGY SUMMARY: None
 PYRE GOODS: None
 CREMATION SUMMARY: All white
 COMMENTS: The residue contained a small amount of bone fragments from the 2 mm fraction

ARC PHL 97

CONTEXT NUMBER

1138

Redeposited cremated remains

SKULL:

Teeth: 1 crown fragment.

1 cranial vault fragments.

UPPER LIMB:

Hands: 1 phalanx fragment.

LOWER LIMB:

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC PHL 97

CONTEXT NUMBER

1139

Unurned burial or redeposited pyre debris

Spit 1

SKULL:

1 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 acetabular rim fragment, 1 iliac blade fragment.

Rib: 3 body fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of bone fragments from the 2 mm fraction

ARC PHL 97

CONTEXT NUMBER

1139

Unurned burial or redeposited pyre debris

Spit 2

AXIAL SKELETON:

Innominate:

Rib: 1 body fragment

2 vertebral body fragments.

UPPER LIMB:

Scapula: 1 glenoid fossa fragment.

Humerus: 2 shaft fragments, 1 proximal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments.

ARC PHL 97

CONTEXT NUMBER

1139

Unurned burial or redeposited pyre debris

Spit 3

AXIAL SKELETON:

Innominate: 2 iliac blade fragments, 1 auricular surface fragment.

Rib: 1 body fragment.

Lumbar: 1 body fragment.

UPPER LIMB:

Humerus: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10090

Redeposited cremated remains

SKULL:
14 cranial vault fragments.
LOWER LIMB:
Foot: 1 metatarsal head fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white.
COMMENTS: The residue contained a small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER
10092
Redeposited cremated remains
AXIAL SKELETON:
1 vertebral articular process fragment.
LOWER LIMB:
Tibia: 1 postero-proximal shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER
10110
Redeposited cremated remains
Spit 1
SKULL:
Left mastoid (Sex: Female)
4 cranial vault fragments.
UPPER LIMB:
Radius: 1 shaft fragment.
AGE: Adult
SEX: Female?
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a large amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER
10110
Redeposited cremated remains
Spit 2
SKULL:
1 cranial vault fragments.
AGE: Unknown
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a large amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER
10110
Redeposited cremated remains
Spit 3
SKULL:
3 cranial vault fragments.
AGE: Adult
SEX: Adult
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER
10110
Redeposited cremated remains
Spit 4

SKULL:

Right zygomatic arch fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS:

The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction

ARC NBR 98

CONTEXT NUMBER

10110

Redeposited cremated remains

Spit 5

SKULL:

1 zygomatic bone fragment.

LOWER LIMB:

Femur: 1 postero-anterior shaft fragment, 1 shaft fragment with linea aspera, 4 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 bird bone

CREMATION SUMMARY: All white

COMMENTS:

The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction

ARC NBR 98

CONTEXT NUMBER

10117

Cremation-related deposit

SKULL:

Teeth: 2 incisor root fragments, 1 developing permanent molar root fragment (Age: juvenile)

56 cranial vault fragments.

AXIAL SKELETON:

1 pedicle, 2 articular surface fragments.

UPPER LIMB:

Hands: 1 phalanx fragment.

AGE: Juvenile

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

Comments: The residue contained a small amount of unidentified bone fragments.

ARC NBR 98

CONTEXT NUMBER

10168

Unurned burial

Spit 1

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10168

Unurned burial

Spit 2

AXIAL SKELETON:

Axis: Superior articular surface fragment.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10168

Unurned burial

Spit 3
SKULL:
Teeth: 1 left 1st premolar.
3 cranial vault fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: None
COMMENTS: The residue contained a very small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10168

Unurned burial

Spit 4

SKULL:

Maxilla: Right condyle.

Teeth: 1 single root, mandibular.

13 cranial vault fragments.

UPPER LIMB:

Humerus: 2 left shaft fragments, proximal half.

Radius: 2 left shaft fragments, distal end.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 1 piece of burnt flint (1 g)

COMMENTS: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10168

Unurned burial

Spit 5

SKULL:

Maxilla: 1 sinus fragment.

Right and left frontal processes of the zygomatic, left petrous portion.

8 cranial vault fragments.

UPPER LIMB:

Clavicle: Right lateral end.

LOWER LIMB:

Femur: 1 shaft fragment with linea aspera.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10168

Unurned burial

Spit 6

SKULL:

Mandible: 1 body fragment.

Teeth: 1 single tooth root.

2 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 acetabulum fragment.

UPPER LIMB:

Ulna: 4 shaft fragments.

Radius: 1 head fragment

LOWER LIMB:

Femur: 1 postero-distal shaft fragment, 2 shaft fragments,

Tibia: 2 shaft fragments with lateral border, 2 anterior border fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

GRAVE GOODS: 1 fish bone

CREMATION SUMMARY: All white.

COMMENTS: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10168

Unurned burial

Spit 7

SKULL:

Teeth: 2 single roots.

5 cranial vault fragments.

UPPER LIMB:

Humerus: 1 distal shaft fragment, 2 shaft fragments, 1 right proximal shaft fragment.

Ulna: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10168

Unurned burial

Spit 8

SKULL:

Teeth: 1 canine root fragment.

8 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

Thoracic: 1 right superior articular process.

LOWER LIMB:

Femur: 1 linea aspera fragment.

Tibia: 2 anterior border fragments.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: The rib fragments are black.

COMMENTS: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10168

Unurned burial

Spit 11

SKULL:

Teeth: 1 maxillary 2nd premolar root, 1 molar root fragment..

12 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

1 lamina fragment.

LOWER LIMB:

Foot: 1 phalanx fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: Rib fragments black, 3 cranial fragments blue and abraded.

COMMENTS: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10168

Unurned burial

Spit 12

SKULL:

Mandible: 1 coronoid process.

Teeth: 1 maxillary molar root.

3 occipital fragments, 1 zygomatic arch fragment.

8 cranial vault fragments.

LOWER LIMB:

Femur: 1 linea aspera fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 2 occipital fragments black-blue.

COMMENTS: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10168

Spit 13

SKULL:

Teeth: 2 mandibular incisor roots, 1 single root, 1 crown fragment, 1 root fragment.

1 frontal fragment.

3 cranial vault fragments.

AXIAL SKELETON:

Thoracic: 1 left superior articular process.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10169

Redeposited pyre debris

SKULL:

Teeth: 1 incisor root.

1 occipital bone fragment.

11 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

UPPER LIMB:

Ulna: 1 shaft fragment.

LOWER LIMB:

Tibia: 1 condyle fragment, 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very small amount of unidentified bone fragments.

ARC NBR 98

CONTEXT NUMBER

10177

Redeposited cremated remains

SKULL:

8 cranial vault fragments.

AXIAL SKELETON:

Rib: 3 body fragments.

Thoracic: 1 left and 1 right superior articular processes.

UPPER LIMB:

Ulna: 1 shaft fragment.

Radius: 1 metacarpal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

10223

Redeposited cremated remains

LOWER LIMB:

Tibia: 1 anterior border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: Fragments within the 2 mm fraction and residue are unburnt.

COMMENTS: Residue contained a moderate amount of unidentified unburnt bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10229

Redeposited cremated remains

SKULL:

Right petrous portion.

5 cranial vault fragments.

LOWER LIMB:

Femur: 2 shaft fragments with linea aspera, 1 condyle fragment, 1 shaft fragment.

Tibia: 1 postero-proximal shaft fragment with soleus line,

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10246

Redeposited pyre debris

Spit 7

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Very small amount of bone. The residue contained a minute amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10246

Redeposited pyre debris

Spit 8

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Very small amount of bone. The residue contained a minute amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10246

Redeposited pyre debris

Spit 9

SKULL:

Teeth: 1 single root.

1 temporal bone fragment (Sex: posterior zygomatic arch: Male), 1 occipital bone fragment.

6 cranial vault fragments.

UPPER LIMB:

Humerus: 1 proximal shaft fragment.

Hands: 2 phalanx fragments.

AGE: Adult

SEX: Male?

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10246

Redeposited pyre debris

Spit 11

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

GRAVE GOODS: 1 fish bone

CREMATION SUMMARY: All white

COMMENTS: The residue contained a minute amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10246

Redeposited pyre debris

Spit 12

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a minute amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10261

Unurned burial

Spit 1

LOWER LIMB:

Tibia: 1 shaft fragment.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: A large amount of residue containing a very small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10261

Unurned burial

Spit 1

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: A large amount of residue containing a very amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10261

Unurned burial

Spit 2

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white and abraded.

COMMENTS: The residue contained no bone fragments.

ARC NBR 98

CONTEXT NUMBER

10261

Unurned burial

Spit 3

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white and abraded

COMMENTS: A large amount of residue containing a very small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10261

Unurned burial

Spit 5

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white and abraded.

COMMENTS: A large amount of residue containing a small amount of unidentified bone fragments from the 2 mm fraction. No bone present in spit 4 and 6, residue only..

ARC NBR 98

CONTEXT NUMBER

10315

Unurned burial or redeposited pyre debris

Spit 1

SKULL:

Teeth: 1 molar root fragment, 1 single root, 2 root fragments.

7 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: A large amount of residue containing a small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10315

Unurned burial or redeposited pyre debris

Spit 2

UPPER LIMB:

Ulna: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: A large amount of residue containing a very small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10315

Unurned burial or redeposited pyre debris

Spit 3

SKULL:

10 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: A large amount of residue containing a very small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10425

Pyre site

SKULL:

8 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white. The fragments are very abraded.

COMMENTS: A large amount of residue containing a very small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10425

Pyre site

Spit 1

SKULL:

1 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white. All fragments are very abraded.

COMMENTS: A large amount of residue containing a very small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10425

Pyre site

Spit 3

SKULL:

1 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white. All fragments are very abraded.

COMMENTS: A large amount of residue containing a very small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10425

Pyre site

Spit 4

SKULL:

Teeth: 1 root fragment.

2 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white. All fragments are heavily abraded.

COMMENTS: A large amount of residue containing a very small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10425

Pyre site

Spit 5

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white. All fragments are heavily abraded.

COMMENTS: A large amount of residue containing a very small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10425

Pyre site

Spit 6

SKULL:

Teeth: 2 crown fragment.

1 frontal bone fragment, glabella.

8 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white. Fragments are heavily abraded.

COMMENTS: A large amount of residue containing a very small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10425

Pyre site

Spit 7

SKULL:

Teeth: 2 crown fragments, canine?

12 cranial vault fragments.

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white. Fragments are abraded.

COMMENTS: A large amount of residue containing a small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10425

Pyre site

Spit 8

SKULL:

Teeth: 2 crown fragments.

6 cranial vault fragments.

AGE: Subadult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white. Fragments are abraded

COMMENTS: A large amount of residue containing a small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10436

Redeposited cremated remains

SKULL:

Teeth: 2 root fragments.

13 cranial vault fragments.

AXIAL SKELETON:

1 articular process fragment.

LOWER LIMB:

Femur: 1 shaft fragment with linea aspera.

Tibia: 1 shaft fragment with anterior border.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

10439

Redeposited cremated remains

LOWER LIMB:

Tibia: 2 anterior border fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10451

Bustum

SKULL:

Teeth: 2 root fragments, 1 crown fragment.

42 cranial vault fragments.

AXIAL SKELETON:

Thoracic: 1 transverse process fragment, 1 left superior articular process.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white. Residue contained a moderate amount of small charcoal pieces.

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10472

Unurned burial or redeposited pyre debris

SKULL:

4 cranial vault fragments.

AGE: 0-18 years

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Iron staining on 2 bone fragments.

CREMATION SUMMARY: All white.

COMMENTS: The residue contained a small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

10492

Redeposited cremated remains

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white and very abraded.

COMMENTS: The residue contained a minute amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10492

Redeposited cremated remains

Spit 1

LOWER LIMB:

Tibia: 1 shaft fragment.

AGE: Subadult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white and abraded.

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10492

Redeposited cremated remains

Spit 2

LOWER LIMB:

Fibula: 1 shaft fragment.

AGE: Subadult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: None

COMMENTS: Large amount of residue containing a minute amount of unidentifiable bone fragments from the 2 mm fraction.
Spit 3 is residue only.**ARC NBR 98**

CONTEXT NUMBER

10492

Redeposited cremated remains

Spit 4

SKULL:

Mandible: Anterior portion of the body, lingual surface with the superior and inferior mental spines.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white and very abraded.

COMMENTS: Large amount of residue containing a minute amount of unidentifiable bone fragments from the 2 mm fraction.
Spit 5 contained residue only.**ARC NBR 98**

CONTEXT NUMBER

10492

Redeposited cremated remains

Spit 6

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white and very abraded.

COMMENTS:

The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10492

Redeposited cremated remains

Spit 7

SKULL:

3 cranial vault fragments.

AGE: Subadult?
SEX: Unknown.
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white and very abraded.
COMMENTS: The residue contained a minute amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10501

Bustum

SKULL:

Left mastoid fragment.

9 cranial vault fragments.

AXIAL SKELETON:

Lumbar: Superior left articular process, 1 superior articular process.

1 lamina fragment, 1 pedicle.

UPPER LIMB:

Scapula: 1 blade fragment.

Ulna: 1 shaft fragment.

Hands: 1 distal end of an intermediate phalanx.

LOWER LIMB:

Femur: 1 linea aspera fragment.

Tibia: 1 linea aspera.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10501

Bustum

Spit 1

UPPER LIMB:

Radius: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10501

Bustum

Spit 2

SKULL:

10 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10501

Bustum

Spit 3

SKULL:

1 cranial vault fragments.

LOWER LIMB:

Tibia: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10501

Bustum

Spit 4

SKULL:

18 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 greater sciatic notch fragment (Sex: Female), 1 auricular surface fragment, inferior demiface (Sex: Female, Age:40-50 years).

Rib: 3 body fragments.

UPPER LIMB:

Scapula: 1 lateral border fragment.

Clavicle: 1 shaft fragment.

Humerus: 3 shaft fragments.

Ulna: 1 superio-anterior shaft fragment.

Radius: 3 shaft fragment.

LOWER LIMB:

Femur: 1 inferior-posterior shaft fragment, 1 linea aspera fragment.

Tibia: 3 anterior border fragments, 1 superio-posterior shaft fragment.

Fibula: 2 shaft fragment.

AGE: 40-50 years

SEX: Female

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10501

Bustum

Spit5

SKULL:

Frontal process of left zygomatic bone, Right orbital rim and zygomatic process fragment (Sex: Female).

5 cranial vault fragments.

AXIAL SKELETON:

Rib: 3 body fragments.

1 vertebral body fragments, 1 pedicle.

UPPER LIMB:

Humerus: 1 shaft fragment.

LOWER LIMB:

Femur: 1 condyle fragment, 1 shaft fragment.

Tibia: 2 shaft fragments, 1 anterior border fragment.

Fibula: 3 shaft fragments.

AGE: Adult

SEX: Female

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10502

Bustum

SKULL:

4 cranial vault fragments.

AXIAL SKELETON:

3 vertebral body fragments.

UPPER LIMB:

Hands: 1 proximal end of a phalanx, 1 distal end of a proximal phalanx..

LOWER LIMB:

Foot: 1 distal end of a metatarsal.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Head of humerus, immature animal (pig?).

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10511

Cremation-related deposit

Spit 1
SKULL:
1orbital outline fragment (Sex: Male?).
4 cranial vault fragments.
LOWER LIMB:
Fibula: 2 shaft fragments.
Foot: 1 sesamoid.
AGE: Adult
SEX: Male?
PATHOLOGY SUMMARY: None
PYRE GOODS: 2 unidentified fragments with iron staining.
CREMATION SUMMARY: All white
COMMENTS:
The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10511

Cremation-related deposit

Spit 2

SKULL:

Teeth: 1 single root.

6 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10511

Cremation-related deposit

Spit 3

SKULL:

Teeth: 1 crown fragment, 1 molar root fragment.

5 cranial vault fragments.

LOWER LIMB:

Femur: 1 shaft fragment.

Tibia: 1 shaft fragment with anterior border.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10511

Cremation-related deposit

Spit 4

SKULL:

7 cranial vault fragments.

UPPER LIMB:

Humerus: Anterio-distal shaft fragment.

LOWER LIMB:

Tibia: Anterior border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10511

Cremation-related deposit

Spit 5

SKULL:

Teeth: 1 root fragment.

6 cranial vault fragments.

LOWER LIMB:

Femur: 1 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: 1 unidentified shaft fragment with iron staining (Ulna?).
CREMATION SUMMARY: All white
COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10519

Redeposited cremated remains

LOWER LIMB:

Femur: 1 shaft fragment with linea aspera.

Tibia: 4 shaft fragments with anterior border.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10521

Redeposited cremated remains

SKULL:

Teeth: 2 single roots.

17 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10523

Cremation-related deposit

SKULL:

Teeth: 1 molar root fragment.

2 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

LOWER LIMB:

Foot: 1 metatarsal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained very few unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

10556

Unurned burial or redeposited pyre debris

Spit 1

SKULL:

16 cranial vault fragments.

AXIAL SKELETON:

1 vertebral body fragments.

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

GRAVE GOODS: 1 glass fragment

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10556

Unurned burial or redeposited pure debris

SKULL:

Teeth: 1st molar crown fragment (Age: older than 6 years?.) 4 deciduous root fragments, 8 crown fragments.

63 cranial vault fragments.

UPPER LIMB:

Hands: 3 phalanx fragments.

AGE: 5-12 years

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS:

3 cranial fragments with turquoise staining.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10558

Bustum

SKULL:

13 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

1 superior articular process

UPPER LIMB:

Ulna: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

10559

Spit 1, area A

Bustum

The bones were given group letters and bagged according to their letter as well as being excavated in spits. Spit 1 = A-W, Spit 2 = A1-V1, Spit 3 = A2-Q2, Spit 4 = A3-J3. The body was burnt and left *in situ*. This was therefore a bustum burial.

PYRE GOODS:

1 animal bone, calcaneus fragment. Pig.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area C

LOWER LIMB:

Tibia: 2 shaft fragments.

AGE: Adult

SEX: Unknown

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area D

PYRE GOODS:

1 animal bone, pig

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area E

LOWER LIMB:

Fibula: 5 shaft fragment.

AGE: Adult

SEX: Unknown

CREMATION SUMMARY: All white.

COMMENTS: The bone appear to be the shaft of a fibula, possibly left side. No other bone present.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area F

UPPER LIMB:

Radius: 7 shaft fragments

AGE: Adult

SEX: Unknown

CREMATION SUMMARY: All white

COMMENTS: The bone appear to be the shaft of a radius.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area G

COMMENTS: Few long bone fragments only. All unidentifiable.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area H

COMMENTS: Nothing identifiable. All fragments small and may have been long bone fragments including a few spongy pieces of bone.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area J

UPPER LIMB:

Humerus: 3 shaft fragments.

CREMATION SUMMARY: All white

COMMENTS: The identifiable fragments were all from a humerus, the unidentifiable may also be from the same bone though refitting was not possible.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area K

UPPER LIMB:

Humerus: 2 shaft fragments.

AGE: Adult

SEX: Unknown

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area L

SKULL:

4 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Moderate pitting.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area M

SKULL:

2 occipital bone fragments, 1 basilar part of the occipital bone fragment.

7 cranial vault fragments.

AXIAL SKELETON:

Atlas: Superior articular surface fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Moderate pitting on cranial vault fragments.

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area N

SKULL:

1 temporal bone fragment.

5 cranial vault fragments.

AGE: Adult

SEX: Unknown

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area O

SKULL:

3 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area P

SKULL:

1 frontal bone fragment.

9 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area Q

SKULL:

12 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white. 1 burnt flint fragment (2 g)

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area R

SKULL:

9 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 iron nail

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area S

UPPER LIMB:

Ulna: 3 right proximal shaft fragment. 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area T

CREMATION SUMMARY: All white

COMMENTS: No fragments were identifiable. All were very small with a high proportion of spongy bone.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area U

SKULL:

Teeth: 1 left mandibular first premolar root.

11 cranial vault fragments.

AXIAL SKELETON:

Rib: 5 body fragments.

1 vertebral body fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: 5 cranial vault fragments: slight porosity.

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area V

SKULL:

3 cranial vault fragments.

UPPER LIMB:

Humerus: Left head.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: 3 cranial fragments: slight porosity.

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area W

SKULL:

1 cranial vault fragments.

UPPER LIMB:

Humerus: Left distal half of the shaft in 6 fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 2, area A1

UPPER LIMB:

Humerus: Right distal half of shaft in 4 refitted fragments. Left proximal end of shaft in 5 refitted fragments. 6 shaft fragments, 1 distal articular surface. 7 shaft fragments.

Hand: 1 distal phalanx fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum
 Spit 2, area B1
 UPPER LIMB:
 Humerus: Head fragment.
 AGE: Adult
 SEX: Unknown
 PATHOLOGY SUMMARY: None
 PYRE GOODS: None
 CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum
 Spit 2, area C1
 LOWER LIMB:
 Fibula: 7 shaft fragments forming 2 longer fragment by refitting 2 and 3 fragments respectively.
 AGE: Adult
 SEX: Unknown
 PATHOLOGY SUMMARY: None
 PYRE GOODS: None
 CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum
 Spit 2, area D1
 SKULL:
 Maxilla: Right frontal process, 1 fragment.
 8 cranial vault fragments.
 AXIAL SKELETON:
 Rib: 2 body fragments.
 AGE: Adult
 SEX: Unknown
 PATHOLOGY SUMMARY: None
 PYRE GOODS: None
 CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum
 Spit 2, area E1
 SKULL:
 Teeth: 1 canine root fragment, 2 single roots.
 1 frontal bone fragment, endo-cranial surface with frontal sinus fragment, 1 parietal fragment with lambdoid suture (Suture >50% closed, Age: 45 years). 1 zygomatic arch fragment.
 6 cranial vault fragments.
 AXIAL SKELETON:
 Rib: 2 body fragments.
 AGE: 45 years
 SEX: Adult
 PATHOLOGY SUMMARY: Parietal fragment; slight porosity.
 PYRE GOODS: None
 CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum
 Spit 2, area F1
 SKULL:
 Maxilla: Right fragment with right nasal notch, infra-orbital foramen, partial frontal process and partial palatine process.
 Left temporal bone fragment with parietal notch, right frontal process of the zygomatic bone, left temporal bone fragment with posterior part of the zygomatic arch and the superior edge of the external auditory meatus, right petrous portion, right supra-orbital margin with zygomatic process (Sex: female??), anterior part of the right zygomatic process, 1 orbital margin fragment (sex: female??)
 7 cranial vault fragments.
 AXIAL SKELETON:
 Rib: 6 body fragments.
 Cervical: 1 left superior and inferior articular process fragment, 1 right superior and inferior articular process fragment.
 UPPER LIMB:
 Scapula: Left coracoid process fragment, 1 medial border fragment, 2 blade fragments 1 fragment.
 AGE: Adult

SEX: Female??
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 2, area G1

UPPER LIMB:

Ulna: 4 fragments of right proximal ulna shaft, just inferior to the olecranon process. all pieces refit together.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 2, area H1

UPPER LIMB:

Scapula: 1 blade fragment.

Clavicle: Lateral half of right side.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 2, area I1

UPPER LIMB:

Ulna: Distal end of right side.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 2, area J1

SKULL:

Mandible: Right condyle, right coronoid process, body fragment with *in situ* single root (right 1st premolar), 1 body fragment with 2 partial sockets for single roots, 1 body fragment with partial oblique line, right body fragment with *in situ* 2nd molar and partial socket for 3rd molar, 1 body fragment with socket for 1st right molar, 1 body fragment.Maxilla: Right body fragment with partial zygomatic process, right and left palate fragment, right alveolar process with *in situ* 2nd premolar.

Teeth: 1 maxillary molar, 1 mandibular molar, 1 molar tooth crown, 1 single root with crown fragment.

Left petrous portion,

15 cranial vault fragments.

AXIAL SKELETON:

Rib: 4 body fragments.

UPPER LIMB:

Ulna: 8 shaft fragments.

Hands: 2 distal phalanges.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: 4 cranial fragments with slight porosity.

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 2, area K1

SKULL:
Right zygomatic arch.
4 cranial vault fragments.
AXIAL SKELETON:
Rib: 1 body fragment.
UPPER LIMB:
Scapula: 1 blade fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: 1 cranial fragment with slight porosity.
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 2, area L1

AXIAL SKELETON:

Rib: 10 body fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 1 burnt flint fragment (1 g). All fragments were white.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 1, area M1

AXIAL SKELETON:

Rib: 5 body fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: New bone formation on the visceral surface of 4 rib fragments. Lesions appear healed.

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 2, area N1

SKULL:

2 cranial vault fragments.

UPPER LIMB:

Radius: Left proximal shaft fragment, 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 2, area O1

UPPER LIMB:

Scapula: 1 blade fragment.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 2, area P1

LOWER LIMB:

Femur: 2 postero-proximal shaft fragments.

AGE: Adult

SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 2, area Q1

SKULL:

3 cranial vault fragments.

UPPER LIMB:

Hands: 1 distal end of a proximal phalanx, 1 metacarpal shaft.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 2, area R1

AXIAL SKELETON:

Innominate: 1 iliac blade fragment.

Cervical: 1 left inferior and superior articular processes.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 2, area S1

SKULL:

1 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Slight porosity on the cranial fragment.

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 2, area T1

LOWER LIMB:

Fibula: Distal shaft fragment, 3 shaft fragments.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 2, area U1

LOWER LIMB:

Tibia: 4 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 2, area V1

AXIAL SKELETON:

Innominate: 1 fragment.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10599

Bustum

Spit 3, area A2

LOWER LIMB:

Femur: 1 shaft fragments made by 2 refitted fragments, 1 shaft fragment made by 3 refitted fragments, 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10599

Bustum

Spit 3, area B2

LOWER LIMB:

Femur: 1 shaft fragment, anterior surface refitted by 5 fragments (length 112.3 mm), 2 posterior shaft fragments with linea aspera, 4 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 3, area C2

CREMATION SUMMARY: All white.

COMMENTS: 2 unidentifiable fragments of spongy bone.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 3, area D2

CREMATION SUMMARY: White

COMMENTS: 1 unidentifiable long bone fragment.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 3, area E2

LOWER LIMB:

Tibia: 4 anterior border fragments, 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 3, area F2

COMMENTS: 1 fragment of unidentified long bone shaft.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 3, area G2

AXIAL SKELETON:

Rib: 3 body fragments.

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 3, area H2

LOWER LIMB:

Femur: 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 iron nail, SF number 713.

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 3, area I2

PYRE GOODS: 1 iron nail, SF number 714.

COMMENTS: 1 unidentified long bone fragment stuck to the nail.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 3, area J2

CREMATION SUMMARY: All white

COMMENTS: The spit contained small unidentified fragments of long bones as well as joint surfaces and spongy bone.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 3, K2

LOWER LIMB:

Femur: 2 posterior-distal shaft fragment, 1 condyle fragment.

CREMATION SUMMARY: All white

COMMENTS: Small unidentifiable long bone fragments.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 3, area L2

CREMATION SUMMARY: All white

COMMENTS: 6 unidentifiable long bone fragments.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 3, area M2

LOWER LIMB:

Tibia: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 3, area N2

COMMENTS: Small fragments of unidentifiable bone fragments and spongy bone pieces.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 3, area O2

LOWER LIMB:

Patella: Right side.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: White

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 3, area Q2

CREMATION SUMMARY: 2 charcoal lumps (2 g).

COMMENTS: Numerous small unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 4, area A3

LOWER LIMB:

Tibia: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: White

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 4, area B3

COMMENTS: 1 unidentifiable long bone fragment.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 4, area C3

COMMENTS: 2 unidentified long bone fragments.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 4, area D3

LOWER LIMB:

Tibia: 1 shaft fragment with lateral border.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 4, area E3

CREMATION SUMMARY: All white

COMMENTS: Small unidentifiable long bone fragments.

ARC NBR 98

CONTEXT NUMBER

10559

Bustum

Spit 4, area F3
LOWER LIMB:
Tibia: 2 anterior border fragments, 4 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98
CONTEXT NUMBER
10559
Bustum

Spit 4, area G3
AXIAL SKELETON:
Innominate: 1 acetabulum rim fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98
CONTEXT NUMBER
10559
Bustum
Spit 4, area H3
COMMENTS: 1 upper limb bone identified.

ARC NBR 98
CONTEXT NUMBER
10559
Spit 4, area I3
PYRE GOODS: 2 animal bones

ARC NBR 98
CONTEXT NUMBER
10559
Bustum
Spit 4, area J3
COMMENTS: Unidentifiable pieces of spongy bone.

ARC NBR 98
CONTEXT NUMBER
10560
Bustum
SKULL:
Teeth: 2 canine crown and root fragments, 1 mandibular left canine, 1 maxillary 1st left premolar, 1 maxillary 1st right premolar crown and root fragment, 3 single roots, 5 molar root fragments, 5 root fragments.
1 temporal bone fragment, left zygomatic bone fragment with frontal process.
21 cranial vault fragments.
AXIAL SKELETON:
Innominate: 1 iliac crest fragment.
Rib: 6 body fragments.
Cervical: 1 body fragment.
Thoracic: 4 right superior articular processes, 1 left superior articular process.
UPPER LIMB:
Scapula: 1 blade fragment, 1 medial border fragment.
Ulna: 1 shaft fragment.
Hands: Right lunate, 2 distal phalanges, 1 metacarpal shaft fragment, 4 distal ends of phalanges, 2 intermediate phalanges.
LOWER LIMB:
Tibia: 1 anterior border fragment.
Fibula: 2 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction and a small amount of charcoal fragments.

ARC NBR 98
CONTEXT NUMBER
10561
Bustum

SKULL:

Teeth: 1 2nd mandibular molar root.

1 cranial vault fragments.

UPPER LIMB:

Hands 1 phalanx fragment.

LOWER LIMB:

Tibia: 1 unfused condyle fragment (Age: younger than 17-19)

AGE: 12-19

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 animal bone fragment.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

SKULL:

Teeth: 1 crown fragment, 2 mandibular molar root fragments, 7 molar root fragments, 1 maxillary 2nd premolar root, 1 mandibular incisor root, 1 canine root fragment, 4 single roots, 18 root fragments 1 mandibular premolar crown and root fragment, 3 molar crown fragments, 1 mandibular premolar crown, 5 crown fragments.

1 temporal bone with posterior zygomatic arch (Sex: Male?)

79 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 left fragments, 1 right fragment, 7 body fragments.

Thoracic: 1 left superior articular process, 1 right superior articular process.

3 pedicles.

UPPER LIMB:

Radius: 1 shaft fragment.

Hands: Hook of hamate, 1 metacarpal shaft fragment, 2 distal phalanges, 3 distal ends of proximal phalanges, 2 distal ends of intermediate phalanges, 1 shaft of an intermediate phalanx, 2 proximal ends of intermediate phalanges, 3 distal phalanges,

LOWER LIMB:

Femur: 1 postero-distal shaft fragment, 1 linea aspera fragment.

Tibia: 2 anterior border fragments, 1 shaft fragment.

Fibula: 6 shaft fragments.

AGE: Adult

SEX: Male??

PATHOLOGY SUMMARY: 1 enamel pearl on the mandibular premolar root, 1 single root (crown worn away) with slight calculus deposit.

PYRE GOODS: 1 cranial fragment with turquoise staining, 1 unidentified bone fragment with iron staining.

CREMATION SUMMARY: All white. Extensive fragmentation with most bones in the 5 and 2 mm category.

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction and a small amount of charcoal fragments. There was however an enormous amount of residue.

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

A

SKULL:

7 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 fragment (1st? rib)

UPPER LIMB:

Humerus: 4 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue.

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

B

SKULL:

1 left petrous portion fragment, basilar part of the occipital bone.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

C

SKULL:

2 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

D

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white.

COMMENTS: No residue. No bones identified.

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

E

SKULL:

10 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: Cranial fragments are whitish blue.

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

F

SKULL:

4 fragments from the nasal cavity.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

G

SKULL:

1 frontal bone fragment.

18 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: Cranial fragments are whitish blue.

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

H
LOWER LIMB:
Tibia: 3 anterior border fragment, 1 shaft fragment with anterior border.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white.
COMMENTS: No residue

ARC NBR 98
CONTEXT NUMBER
10564

Unurned burial
I
UPPER LIMB:
Ulna: 3 shaft fragments?
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: No residue

ARC NBR 98
CONTEXT NUMBER
10564

Unurned burial
J
SKULL:
3 occipital fragments (Sex: Male)
18 cranial vault fragments.
AGE: Adult
SEX: Male?
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: No residue

ARC NBR 98
CONTEXT NUMBER
10564

Unurned burial
K
AGE: Unknown
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white.
COMMENTS: No residue

ARC NBR 98
CONTEXT NUMBER
10564

Unurned burial
L
AXIAL SKELETON:
Cervical: 2 body fragment.
5 vertebral body fragments.
AGE: Old Adult
SEX: Unknown
PATHOLOGY SUMMARY: Cervical body fragment with considerable pitting and eburnation.
PYRE GOODS: None
CREMATION SUMMARY: Vertebral bodies are black.
COMMENTS: No residue

ARC NBR 98
CONTEXT NUMBER
10564

Unurned burial
N
SKULL:
Teeth: 1 single root.
8 cranial fragments
AGE: Adult

SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

O

LOWER LIMB:

Foot: 1st metatarsal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

P

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

Q

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

R

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

S

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

T

UPPER LIMB:

Hands: 1 intermediate phalanx.

AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

U

AXIAL SKELETON:

1 vertebral body fragments.

LOWER LIMB:

Femur: 1 shaft fragment.

AGE: Old Adult

SEX: Unknown

PATHOLOGY SUMMARY: Moderate pitting and eburnation on the rim of the vertebral body fragment.

PYRE GOODS: None

CREMATION SUMMARY: Vertebral body is grey.

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

V

SKULL:

1 occipital fragment (Sex: Male?), 1 right temporal fragment.

AGE: Adult

SEX: Male??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white.

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

W

SKULL:

8 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

X

LOWER LIMB:

Femur: 1 postero-distal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

Y

LOWER LIMB:

Femur: 3 linea aspera fragments, 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None
 CREMATION SUMMARY: All white
 COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10564

Unurned burial

Z

AXIAL SKELETON:

Innominate: 3 iliac blade fragments.

Rib: 3 body fragments.

Cervical: 1 body fragment.

7 vertebral body fragments.

AGE: Old Adult

SEX: Unknown

PATHOLOGY SUMMARY:

Moderate pitting and eburnation on both body surfaces on the cervical vertebral body fragment.

PYRE GOODS: None

CREMATION SUMMARY: Cervical body is dark grey.

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10586

Bustum

SKULL:

30 cranial vault fragments.

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white.

COMMENTS:

1 of 2 individuals in the same cremation A number on a residue bag suggests this cremation was excavated in spits though the bags containing bones did not have any of this information on them. The excavation notes did not contain any information to how the deposit was excavated. However, if this had been excavated in spits, the bones from the subadult was present in the top 2 spits. This included the unidentified bones. The large amount of residue from the whole of the cremation contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10586

Bustum

SKULL:

Maxilla: 1 fragment with 2 partial single root sockets, 1 fragment with 2nd premolar socket.

Teeth: Mandibular 3rd molar root, 3 root fragments, 1 crown fragment, maxillary 2nd premolar root and crown fragment, left canine root, canine root fragment, 3 single root fragments..

3 temporal bone fragments, right zygomatic arch fragment.

AXIAL SKELETON:

Rib: 9 body fragments.

Cervical: 1 body fragment.

Thoracic: 1 pedicle, 1 right superior articular process.

Lumbar: 1 spinous process, left inferior articular process, left superior articular process.

UPPER LIMB:

Humerus: Head, 1 proximal shaft fragment.

Ulna: Left distal articular surface.

Hands: 1 scaphoid fragment, 2 distal ends of intermediate phalanges.

LOWER LIMB:

Femur: 2 linea aspera fragments.

Tibia: 5 anterior border fragment, 1 shaft fragment..

Fibula: 2 shaft fragment.

Foot: 1 metatarsal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Cervical body; moderate osteophyte formation and considerable pitting.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS:

2nd individual in the same cremation. A number on a residue bag suggests this cremation was excavated in spits though the bags containing bones did not have any of this information on them. The excavation notes did not contain any information to how the deposit was excavated. However, if this had been excavated in spits, the bones from the adult was present in the top lower spits with the subadult on top. The large amount of residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10593

Bustum

SKULL:

Teeth: 1 single tooth root, 1 molar root fragment, 3 root fragments, 1 crown fragment.

AXIAL SKELETON:

Rib: 1 body fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentified bone fragments.

ARC NBR 98

CONTEXT NUMBER

10597

Pyre site

Spit 1

SKULL:

2 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY:

All white. Some fragments are also abraded.

COMMENTS:

The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10597

Pyre site

Spit 2

SKULL:

Teeth: 1 single root fragment.

5 cranial vault fragments.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 copper alloy fragment.

GRAVE GOODS: 1 glass fragment.

CREMATION SUMMARY

All white. Many fragments are very abraded.

COMMENTS:

The residue contained a small amount of unidentifiable bone fragments from the 2mm fraction.

ARC NBR 98

CONTEXT NUMBER

10597

Pyre site

Spit 3

SKULL:

Teeth: 3 root fragments.

11 cranial vault fragments.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS:

1 animal bone decorated with an X pattern, several small copper alloy fragments.

GRAVE GOODS: 1 glass fragment.

CREMATION SUMMARY:

All white, fragments are small and mainly abraded.

COMMENTS:

ARC NBR 98

CONTEXT NUMBER

10597

Pyre site

Spit 4

SKULL:

Teeth: 2 molar root fragments.

19 cranial vault fragments.
AXIAL SKELETON:
Thoracic: Left superior articular process.
1 pedicle.
LOWER LIMB:
Tibia: 4 anterior border fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: Copper alloy fragments present in the residue
GRAVE GOODS: 1 glass fragment.
CREMATION SUMMARY: All white. Many fragments are heavily abraded.
COMMENTS:
The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm category.

ARC NBR 98

CONTEXT NUMBER

10597

Pyre site

Spit 5

SKULL:

Teeth: 1 root fragment, 2 crown fragments.

2 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white and abraded.

COMMENTS:

The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10604

Bustum

Spit 1

SKULL:

Teeth: 1 crown fragment, 1 canine root fragment, 5 root fragments from single roots.

7 cranial vault fragments.

UPPER LIMB:

Hands: 1 distal end of a proximal phalanx, 1 distal end of an intermediate phalanx.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

GRAVE GOODS: 1 glass fragment.

CREMATION SUMMARY: All white

COMMENTS:

The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10604

Spit 2

SKULL:

Teeth: 1 single tooth root of mandibular right premolar (Root apex Ac; age: 11-12 years), 1 single root, 2 crown fragments, 1 root fragment.

1 cranial vault fragments.

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10604

Bustum

Spit 3

SKULL:

4 cranial vault fragments.

AXIAL SKELETON:

Rib: 5 body fragments.

Thoracic: Right superior articular process.

AGE: Subadult

SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: 1 Iron nail
CREMATION SUMMARY: All white
COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10604

Bustum

Spit 4

SKULL:

Teeth: 1 single root.

AXIAL SKELETON:

Cervical: 1 right inferior articular process.

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

GRAVE GOODS: 1 glass fragment.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10614

Redeposited cremated remains

SKULL:

Teeth: 1 mandibular root fragment, 1 root fragment..

11 cranial vault fragments.

LOWER LIMB:

Femur: 1 linea aspera fragment.

Tibia: 2 anterior border fragments.

Fibula: 2 shaft fragment.

Foot: 1 talus fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS:

The residue contained a large amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10618

Urned burial

SKULL:

8 cranial vault fragments.

AXIAL SKELETON:

Thoracic: 1 right superior articular process.

LOWER LIMB:

Femur: 1 postero-proximal fragment, 1 postero-distal fragment.

Tibia: 1 anterior border fragment, 2 lateral border fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white and slightly abraded.

COMMENTS:

The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area A

SKULL:

Mandible: 2 refitting left body fragments with partial single and molar tooth sockets.

2 occipital fragments, 1 orbital roof fragment (type 1 cribra orbitalia, healed).

48 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

Cervical: 1 body.

UPPER LIMB:

Humerus: 5 shaft fragments.

Radius: 1 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY:
Orbital roof, scattered fine foramina, type 1, healed cribra orbitalia.
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area B

LOWER LIMB:

Femur: 2 shaft fragments with linea aspera, 1 shaft fragment refitted by 3 fragments, 15 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: It is very likely that all fragments, including the unidentifiable fragments, were from the same bone (a femur).

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area C

UPPER LIMB:

Ulna: 1 right proximal shaft fragment, 9 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: It is very likely that all fragments were from the right ulna.

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area D

SKULL:

Mandible: Left coronoid process, 1 body fragment.

UPPER LIMB:

Humerus: 8 shaft fragments refitted into mainly the anterior surface of left side, 10 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area E

SKULL:

22 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area F

SKULL:

4 cranial vault fragments.

AXIAL SKELETON:

Cervical: 1 body fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area G

SKULL:

9 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area H

SKULL:

9 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

1 vertebral body fragments.

UPPER LIMB:

Humerus: 2 shaft fragments, 1 capitulum fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area I

SKULL:

Mandible: 2 fragments refitted to the right side and anterior portion of the body, tooth sockets for all eight teeth are present.

Maxillary second left premolar root, 1 single root, 1 3rd molar root

1 cranial vault fragments.

AXIAL SKELETON:

Rib: 5 body fragments.

Cervical: 1 body fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area J

SKULL:

Mandible: Right body fragment, refits with fragments from area I

Teeth: 1 single tooth root, 1 molar root fragment.

4 cranial vault fragments.

AXIAL SKELETON:

Thoracic: 1 spinous process.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area K

AXIAL SKELETON:
Rib: 2 body fragments.
UPPER LIMB:
Scapula: Glenoid fossa fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area L

AXIAL SKELETON:

Lumbar: 1 body fragment, 1 spinous process fragment.

Sacrum: 1st sacral element.

10 vertebral body fragments.

AGE: Old adult

SEX: Unknown

PATHOLOGY SUMMARY: Moderate pitting and lipping of the vertebral body fragments.

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area M

LOWER LIMB:

Femur: 1 left antero-proximal shaft fragment, refitted by using 2 fragments, 1 left postero-superior shaft fragment refitted by using 3 fragments. 1 shaft fragments refitted by using 2 fragments, 5 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: All fragments are likely to be from the same left femur.

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area N

LOWER LIMB:

Femur: 4 midshaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area O

CREMATION SUMMARY: All white

COMMENTS: Few unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

10620

Busutm

Area P

CREMATION SUMMARY: All white

COMMENTS:

Few unidentifiable long bone fragments.

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area Q

UPPER LIMB:
Radius: 3 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area R

LOWER LIMB:

Tibia: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area S

LOWER LIMB:

Femur: 2 left postero-proximal shaft fragments, refits. 1 left postero-distal shaft fragment, 1 posterior shaft fragment.

Tibia: 1 anterior border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area T

CREMATION SUMMARY: All white

COMMENTS: Few small unidentifiable long bone fragments.

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area U

CREMATION SUMMARY: All white

COMMENTS: 8 pieces of unidentifiable spongy bone.

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area V

CREMATION SUMMARY: All white

COMMENTS: Small fragments of spongy bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10620

Bustum

Area W

SKULL:

Teeth: 1 molar root fragment.

Right petrous portion.

AXIAL SKELETON:

Rib: 4 body fragments.

UPPER LIMB:

Ulna: 1 shaft fragment.

LOWER LIMB:

Femur: 1 shaft fragment.

Tibia: 2 anterior border fragments, 2 shaft fragments, 2 condyle fragments.

Fibula: 2 shaft fragments.

AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10625

Urned burial

SKULL:

Mandible: 1 right condyle, 1 coronoid process fragment, 3 body fragments.

Maxilla: 1 palate fragment with 1 single root socket and 2 partial root sockets.

1 frontal fragment, 7 parietal fragments, 2 occipital fragments, right petrous portion, 2 mastoid fragments, right frontal process of the zygomatic bone.

45 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 fragments, 3 acetabulum fragments,

Rib: 3 body fragments.

Atlas: 1 superior articular surface fragment.

Cervical: 1 body fragment with right superior articular process, 3 bodies.

Thoracic: 3 superior right articular processes. 1 left superior articular process.

Lumbar: 1 left inferior articular process.

10 vertebral body fragments, 2 articular processes, 1 lamina., 1 pedicle

UPPER LIMB:

Scapula: 3 glenoid fossa fragments.

Clavicle: Right superio-lateral shaft fragment, 1 shaft fragment.

Humerus: Left antero-distal shaft fragment, 1 proximal shaft fragment, 2 head fragments, 1 capitulum fragment, 5 shaft fragments.

Ulna: 1 antero-proximal shaft fragment, 2 shaft fragments.

Radius: 2 head fragments, 1 distal joint surface fragment, 4 shaft fragments.

LOWER LIMB:

Femur: 1 head, 1 postero-proximal shaft fragment, 2 postero-distal shaft fragments, 1 postero-proximal shaft fragment, 2 shaft fragments with linea aspera, 2 linea aspera fragments, 10 shaft fragments.

Tibia: 3 anterior border fragments, 1 shaft fragment with anterior border, 8 shaft fragments, 1 condyle fragment.

Fibula: 4 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: Few unidentified fragments within the 2 mm fraction were black.

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10627

Redeposited cremated remains

LOWER LIMB:

Femur: 4 shaft fragment with linea aspera.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10629

Bustum

SKULL:

Teeth: Right mandibular canine, 2 single root fragments.

6 cranial vault fragments.

AXIAL SKELETON:

Rib: 4 body fragments.

Atlas: Posterior arch fragment.

Thoracic: Left superior articular process.

UPPER LIMB:

Scapula: 1 blade fragment.

Ulna: 1 shaft fragment.

Hands: 1st metacarpal fragment, proximal end of a phalanx.

LOWER LIMB:

Femur: 2 postero-proximal shaft fragments.

Tibia: 2 anterior border fragments, 1 shaft fragment.

Foot: 2 proximal end of phalanges.

AGE: Adult
 SEX: Unknown
 PATHOLOGY SUMMARY: None
 PYRE GOODS: None
 CREMATION SUMMARY: All white
 COMMENTS:
 The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10633

Pyre site

SKULL:

1 occipital bone fragment.

6 cranial vault fragments.

LOWER LIMB:

Femur: 1 shaft fragment.

Tibia: 1 anterior border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY:

All white, some fragments slightly abraded.

COMMENTS: No residue.

ARC NBR 98

CONTEXT NUMBER

10650

Redeposited pyre debris

SKULL:

Teeth: 4 single roots, 2 maxillary molar root fragments, 5 root fragments, 1 crown fragment.

2 temporal bone fragments, left nasal bone,

19 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

Cervical: 1 body.

Thoracic: 1 left superior articular process, 1 left superior articular process fragment, 1 right superior articular process.

2 pedicles.

UPPER LIMB:

Humerus:

Ulna: 2 shaft fragments.

Hands: 1 pisiform, 1 proximal end of a proximal phalanx, 1 distal phalanx, 1 proximal fragment of a proximal phalanx, 1

proximal end of a distal phalanx.-

LOWER LIMB:

Tibia: 1 shaft fragment, 2 anterior border fragments.

Foot: Proximal end of right 4th metatarsal, 2 distal ends of proximal phalanges, 1 proximal phalanx shaft.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY:

1 cranial suture ossicle.

PYRE GOODS:

Animal and bird bone.

CREMATION SUMMARY:

Small black unidentifiable bone fragments.

COMMENTS:

A large amount of residue containing a small amount of unidentifiable bone fragments from the 2 mm fraction. There was also a small amount of charcoal fragments present.

ARC NBR 98

CONTEXT NUMBER

10651

Pyre site

SKULL:

Teeth: 2 root fragments.

3 petrous portion fragments.

48 cranial vault fragments.

AXIAL SKELETON:

Rib: 19 body fragments.

Thoracic: 2 right superior articular processes, 1 pedicle.

UPPER LIMB:

Scapula: 1 blade fragment.

Ulna: 1 shaft fragment.

Hands: 1 proximal phalanx, 1 distal end of a phalanx, 1 distal phalanx..

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY:

14 rib fragments: New bone formation on the visceral surfaces. Lesions appear mixed. Indicative of periostitis.

PYRE GOODS:

7 unidentifiable bone fragments with iron staining.

CREMATION SUMMARY: All white

COMMENTS:

The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction and a small amount of charcoal fragments.

ARC NBR 98

CONTEXT NUMBER

10657

Redeposited cremated remains

SKULL:

Teeth: 1 single root, 1 maxillary molar crown with root fragment,

Left zygomatic arch fragment.

11 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 acetabulum fragment.

Cervical: 2 right inferior articular processes.

Thoracic: 2 right superior articular processes, 1 superior articular process, 1 pedicle.

UPPER LIMB:

Radius: Distal shaft fragment.

LOWER LIMB:

Femur: Left lesser trochanter, 1 linea aspera fragment, 1 postero-distal shaft fragment, 3 shaft fragments.

Tibia: 1 shaft fragments with lateral border.

Fibula: 1 shaft fragment.

Foot: 1 metatarsal head.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY:

All fragments are white. Some are moderately abraded and chalky.

3 burnt flint fragments (2 g).

COMMENTS: No residue.

ARC NBR 98

CONTEXT NUMBER

10659

Redeposited pyre debris

SKULL:

Teeth: 2 root fragments, 1 crown fragment.

5 cranial vault fragments.

AXIAL SKELETON:

1 vertebral body fragments.

UPPER LIMB:

Ulna: Proximal shaft fragment.

LOWER LIMB:

Tibia: 1 left postero-distal shaft fragment, 2 lateral border fragments, 1 anterior border fragment.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Bird bones

CREMATION SUMMARY:

3 pieces of burnt flint (1 g)

COMMENTS:

The large amount of residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10673

Urned burial

Spit 0

SKULL:

Mandible: 2 ramus fragments, 1 body fragment, left side, lingual surface with partial tooth sockets of premolars and canine and 2nd molar, 1st lost ante-mortem, 1left body fragment, lateral surface with partial 3rd? molar socket.

Maxilla: 1 palate fragment.

Teeth: 1 maxillary premolar crown.

1 occipital fragment, 1 mastoid fragment, right petrous portion, petrous portion fragment, 3 orbital rim fragments (Sex: female?).

32 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 iliac crest fragments, 1 blade fragment, 1 left blade fragment with slight auricular surface and arcuate line fragment, 1 sciatic notch fragment

Rib: 2 left fragments, 24 body fragment.
 Cervical: 4 bodies, 2 body fragments.
 Axis: Dens.
 Thoracic: 3 body fragments, 1 body fragment with superior left articular process and coastal facet, 1 superior articular process.
 Lumbar: 2 bodies, 1 right inferior articular process.
 20 vertebral body fragments, 3 articular processes, 6 articular process fragments.
 UPPER LIMB:
 Scapula: 2 glenoid fossa fragments, 1 left glenoid fossa fragment, 1 medial border fragment, 1 blade fragment.
 Clavicle: Right lateral end fragment.
 Humerus: 2 shaft fragment, 2 proximal shaft fragments, 1 antero-distal shaft fragment, 1 trochlea fragment, 1 capitulum fragment, 1 distal end fragment, 1 proximal shaft fragment.
 Ulna: 6 shaft fragments.
 Radius: 1 head fragment, 4 shaft fragments.
 Hands: 1 metacarpal head, 2 metacarpal head fragments 1 phalanx shaft, 1 proximal end fragment of a proximal phalanx, 3 distal ends of proximal phalanges, 2 shaft fragments of proximal phalanges., 2 carpal fragments, 2 intermediate phalanx fragments, distal ends, 1 distal phalanx fragment.
 LOWER LIMB:
 Femur: 2 postero-distal shaft fragments, 1 condyle fragment, 5 shaft fragments.
 Tibia: 7 anterior border fragments.
 Fibula: 7 shaft fragments.
 Feet: Head of 1st metatarsal fragment, 1 distal end of a proximal phalanx..
 AGE: Adult
 SEX: Female??
 PATHOLOGY SUMMARY: Ante-mortem tooth loss of left 1st mandibular molar.
 PYRE GOODS: 1 rib and 7 unidentifiable fragments with turquoise coloured stains.
 CREMATION SUMMARY: All white
 COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10673

Urned burial

Spit 1

AXIAL SKELETON:

Innominate: 1 blade fragment.

Rib: 3 body fragments.

Thoracic: 1 body fragment with transverse process. 1 inferior articular process.

2 vertebral body fragments.

UPPER LIMB:

Radius: 2 shaft fragments.

Hands: Proximal end of a 1st metacarpal, palmar surface only.

LOWER LIMB:

Tibia: 4 anterior border fragments, 1 tuberosity fragment.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10673

Urned burial

Spit 2

SKULL:

1 internal occipital protuberance fragment..

AXIAL SKELETON:

Innominate: Left auricular surface, inferior demiface (Sex: Male, Age: 35-44 years), 15 iliac blade fragments, left anterior inferior iliac spine.

Rib: 6 body fragments.

Atlas: 1 superior articular surface fragment.

Cervical: 2 body fragment.

Thoracic: 1 left superior articular process, 1 right superior articular process.

2 vertebral body fragments.

UPPER LIMB:

Hands: Metacarpal head.

AGE: 35-44 years

SEX: Male?

PATHOLOGY SUMMARY: None

PYRE GOODS: 2 unidentifiable fragments with turquoise coloured small stains.

CREMATION SUMMARY: All white.

COMMENTS: The spit contained numerous small pieces of spongy bone, presumably from the pelvis since this bone was heavily represented within the spit.

ARC NBR 98

CONTEXT NUMBER

10673

Urned burial

Spit 3

SKULL:

1 temporal fragment, 1 sphenoid fragment.

5 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac crest fragment, 6 ilium fragment.

Rib: 5 body fragments.

Thoracic: 1 body fragment, 1 right transverse process.

Lumbar: 1 body (Slight porosity of the surfaces)

3 vertebral body fragments.

UPPER LIMB:

Scapula: 2 glenoid fossa fragments.

Humerus: 1 head fragment, 1 shaft fragment.

Ulna: Right proximal shaft fragment.

Radius: 1 head fragment.

Hands: Left lunate.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Slight degenerative changes on the lumbar.

PYRE GOODS: Glenoid fossa and cranial fragment with small turquoise stains.

CREMATION SUMMARY: All white

COMMENTS: The spit contained numerous small pieces of spongy bone, presumably from the pelvis and vertebral column.

ARC NBR 98

CONTEXT NUMBER

10673

Urned burial

Spit 4

SKULL:

Basilar part of the occipital bone

4 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 ilium fragment.

Rib: 1 left body fragment, 9 body fragment.

Thoracic: 1 body fragment.

1 vertebral body fragments.

UPPER LIMB:

Scapula: 1 lateral border fragment.

Clavicle: 1 left shaft fragment.

Humerus: 1 head fragment, 3 shaft fragments.

Ulna: 1 shaft fragment.

Hands: 1 distal end of a proximal or intermediate phalanx.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 rib fragment with turquoise stains.

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10673

Urned burial

Spit 5

SKULL:

Right temporal bone fragment with mandibular fossa and posterior part of the zygomatic arch (Sex: Male)

11 cranial vault fragments.

AXIAL SKELETON:

Atlas: posterior arch and tubercle.

1 inferior articular surface..

UPPER LIMB:

Humerus: 1 shaft fragment.

Ulna: Right proximal shaft fragment.

Hands: Proximal end fragment of a distal phalanx.

LOWER LIMB:

Patella: Lateral half of left patella.

Femur: 1 head fragment, 1 postero-distal shaft fragment.

AGE: Adult

SEX: Male

PATHOLOGY SUMMARY: None

PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10679

Redeposited cremated remains

SKULL:

27 cranial vault fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

Ulna: 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

GRAVE GOODS: 1 fish bone within the residue.

CREMATION SUMMARY: All white, fragments are slightly abraded.

COMMENTS: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction. It also contained small fragments of charcoal.

ARC NBR 98

CONTEXT NUMBER

10690

Pyre site

SKULL:

Teeth: 2 crown fragments.

Right and left petrous portions

67 cranial vault fragments.

AXIAL SKELETON:

Rib: 8 body fragments.

Thoracic: 1 superior articular process fragment.

2 inferior vertebral articular process fragments.

AGE: Immature

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

10693

Redeposited cremated remains

SKULL:

Teeth: 5 crown fragments, 3 root fragments.

23 cranial vault fragments.

AGE: Immature

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very large amount of unidentifiable bone fragments from the 2 mm fraction, including numerous small fragments of spongy bone.

ARC NBR 98

CONTEXT NUMBER

10701

Redeposited pyre debris

SKULL:

Mandible: Anterior portion of the mandible, with sockets for the incisors including *in situ* root of the right central incisor.

Maxilla: 1 palate fragment with 1 partial tooth socket for a single root.

Teeth: 3 root fragments, 2 crown fragments.

70 cranial vault fragments.

AXIAL SKELETON:

Rib: 8 body fragments.

Lumbar: 1 right inferior articular process, 1 left inferior articular process.

UPPER LIMB:

Hands: 1 metacarpal shaft

LOWER LIMB:

Tibia: Anterior border fragment.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY:

Slight porosity on cranial fragments.

Visceral surfaces on 4 rib body fragments; woven bone present. Lesions are active; periostitis.

PYRE GOODS:

2 rib fragments and 1 unidentified fragment with iron staining.

CREMATION SUMMARY:

All white. Fragments are slightly to moderately abraded and some are also chalky.

7 pieces of burnt flint (3 g).

COMMENTS: The large amount of residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10702

Pyre site

Spit 2

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue.

ARC NBR 98

CONTEXT NUMBER

10702

Pyre site

Spit 3

SKULL:

1 cranial vault fragments.

LOWER LIMB:

Femur: 7 shaft fragments, 2 postero-proximal shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue.

ARC NBR 98

CONTEXT NUMBER

10702

Pyre site

Spit 4

SKULL:

1 zygomatic bone fragments.

6 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

10702

Pyre site

Spit 5

SKULL:

20 cranial vault fragments.

AXIAL SKELETON:

Rib: 3 body fragments.

UPPER LIMB:

Radius: 2 distal shaft fragments.

LOWER LIMB:

Femur: 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY:

Moderate porosity on 4 cranial vault fragments.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Group A: distal radius fragments.

No residue

ARC NBR 98

CONTEXT NUMBER

10711

Redeposited cremated remains

SKULL:

1 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 acetabulum rim fragment, 1 ischial tuberosity fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10727

Redeposited pyre debris

AXIAL SKELETON:

Innominate: 1 acetabulum rim fragment.

Cervical: 1 body fragment.

Thoracic: 1 left inferior articular process.

Lumbar: 1 body (Schmorl's nodes present).

2 vertebral body fragments.

UPPER LIMB:

Humerus: 1 proximal shaft fragment, 1 shaft fragment.

Hands: 1 metacarpal shaft, 1 metacarpal shaft fragment, 1 distal end of an intermediate phalanx..

LOWER LIMB:

Tibia: 1 anterior border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY:

Schmorl's node on lumbar vertebral body.

PYRE GOODS: 1 iron nail. 2 unidentified fragments with turquoise staining. 2 bird? bones.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10747

Urned burial

Spit 1

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10747

Urned burial

Spit 2

SKULL:

5 cranial vault fragments.

AXIAL SKELETON:

Rib: 4 body fragments.

Cervical: 1 right inferior articular process.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10747

Urned burial

Spit 3

SKULL:

1 sphenoid fragment, 1 temporal fragment, 1 petrous portion fragment, 1 zygomatic bone fragment.

14 cranial vault fragments.

AXIAL SKELETON:

Rib: 6 body fragments.

Axis: Dens
2 vertebral body fragments.
UPPER LIMB:
Ulna: 2 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: 2 worked bone fragments, pin?
CREMATION SUMMARY: All white
COMMENTS: The residue contained a large amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10747

Urned burial

Spit 4

SKULL:

Mandible: Left condyle.

2 occipital fragment, 1 parietal fragment, 1 frontal bone fragment, 1 zygomatic arch fragment.

10 cranial vault fragments.

AXIAL SKELETON:

Rib: 4 body fragment.

Cervical: 1 left inferior articular process, 1 spinous process, 1 inferior articular process fragment.

Thoracic: 1 right inferior articular process and lamina fragment.

UPPER LIMB:

Humerus: Head fragment, 6 shaft fragments.

Ulna: 1 shaft fragment.

Radius: 2 shaft fragments.

Hands: 1 metacarpal shaft, 1 left scaphoid, 2 metacarpal heads, 1 phalanx distal end fragment, 1 distal phalanx, 1 proximal end of a phalanx fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Worked bone, represents a segmented end of a pin. Articulates with fragment located in spit 3.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a large amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10747

Urned burial

Spit 5

SKULL:

Mandible: Anterior portion, lingual surface fragment, 1 ramus fragment.

2 temporal bone fragments.

1 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

Thoracic: 1 right superior articular process.

1 vertebral body fragments.

UPPER LIMB:

Ulna: 3 shaft fragment.

Radius: 3 distal shaft fragment.

LOWER LIMB:

Femur: Postero-distal shaft fragment, 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10747

Urned burial

Spit 6

SKULL:

1 temporal bone fragment.

8 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac crest fragment.

Rib: 1 body fragment.

UPPER LIMB:

Clavicle: 1 lateral end fragment.

Humerus: 1 head fragment, 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a large amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10748

Redeposited pyre debris

AXIAL SKELETON:

Innominate: 1 superior pubic ramus fragment, 1 inferior pubic ramus fragment, left inferior demiface fragment (Sex: Male?, Age: 45-55 years), 6 ilium fragments, 1 iliac crest fragment, 1 acetabulum fragment.

Lumbar: 1 body, 1 body fragment.

Sacrum: 1st sacral element fragment.

8 vertebral body fragments.

LOWER LIMB:

Patella: 1 fragment.

Femur: Condyle fragment, 2 linea aspera fragment, 2 shaft fragments with linea aspera, 9 shaft fragments.

Tibia: 1 condyle fragment, 2 anterior border fragment, 1 posterio-proximal shaft fragment, 1 shaft fragment.

Fibula: 4 shaft fragments.

Foot: 1 talus fragment, head of talus, right navicular fragment, cuneiform fragment, 1 proximal metatarsal fragment, 2 metatarsal shaft fragments, 1 metatarsal head fragment..

AGE: 45-55 years

SEX: Male?

PATHOLOGY SUMMARY: Articular surfaces of the vertebral body fragments, including the lumbar fragments have moderate pitting of the surfaces and slight osteophyte formations at the margins.

PYRE GOODS: 1 bird bone. 3 fragments with small turquoise coloured stains.

CREMATION SUMMARY: Unidentifiable long bone fragments are black.

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10757

Redeposited cremated remains

SKULL:

Maxilla: 1 fragment.

Teeth: 1 single root, 1 crown fragment, 2 root fragments.

1 nasal bone fragment.

17 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Cremated bone within the fill of an inhumation burial?

ARC NBR 98

CONTEXT NUMBER

10791

Unurned burial or redeposited pyre debris

SKULL:

35 cranial vault fragments.

AGE: 0-18 years

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white, some fragments eroded.

ARC NBR 98

CONTEXT NUMBER

10794

Unurned burial or redeposited pyre debris

SKULL:

42 cranial vault fragments.

AGE: 0-18 years

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: all white and slightly eroded.

COMMENTS: The residue contained a large amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10812

Redeposited pyre debris

SKULL:

Mandible: 1 body fragment.

Teeth: 1 premolar crown fragment (Crown complete; Age 5-6 years)

Left petrous fragment.

11 cranial vault fragments.

AXIAL SKELETON:

Rib: 4 body fragments.

1 vertebra fragment.

UPPER LIMB:

Hands: 2 intermediate phalanges

AGE: 5-6 years

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained very few unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

10815

Redeposited cremated remains

AXIAL SKELETON:

1 vertebral body fragment.

LOWER LIMB:

Tibia: 1 anterior border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10817

Urned burial

Spit 1

SKULL:

5 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 animal cranial fragment.

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10817

Urned burial

Spit 2

SKULL:

1 cranial vault fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 4 cranial fragments, pig?

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10817

Urned burial

Spit 3

SKULL:

1 cranial vault fragments.

AXIAL SKELETON:

1 vertebral articular process.

UPPER LIMB:

Hands: 1 phalanx shaft.

LOWER LIMB:

Tibia: 2 shaft fragments.

Fibula: Distal articular surface fragment, 4 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 2 cranial fragments, pig?

CREMATION SUMMARY: All white

COMMENTS:

The residue contained a high amount of unidentifiable bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10817

Urned burial

Spit 4

SKULL:

2 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS:

The residue contained a moderate amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10826

Redeposited cremated remains

Spit 1

SKULL:

1 cranial vault fragments.

UPPER LIMB:

Humerus: 2 fragments, distal right shaft.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10826

Redeposited cremated remains

Spit 2

SKULL:

11 cranial vault fragments.

LOWER LIMB:

Femur: 3 shaft fragments with linea aspera, 1 shaft fragment.

Tibia: 2 shaft fragments with anterior border, 3 shaft fragment with lateral border, 1 shaft fragment, 1 anterior border fragment.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10827

Unurned burial

SKULL:

Mandible: 1 body fragment.

1 temporal fragment with partial mastoid process (sex: female??), 3 petrous portion fragments, 1 zygomatic arch fragment.

22 cranial vault fragments.

UPPER LIMB:

Radius: 1 shaft fragment.

Hands: 1 distal end of a phalanx fragment.

LOWER LIMB:

Femur: 5 shaft fragments.

Tibia: 2 shaft fragments.

Fibula: 4 shaft fragment.

AGE: Adult

SEX: Female??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY:

3 pieces of burnt flint (2 g)

COMMENTS:

The 2 mm fraction contained a significant amount of small stones. Fragments from all fractions were also slightly abraded.

ARC NBR 98

CONTEXT NUMBER

10839

Redeposited cremated remains

Spit 1

SKULL:

6 cranial vault fragments.

UPPER LIMB:

Radius: 1 shaft fragment.

LOWER LIMB:

Tibia: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Iron stain on a cranial vault fragment.

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10839

Redeposited cremated remains

Spit 2

SKULL:

12 cranial vault fragments.

AXIAL SKELETON:

Rib: 4 body fragments.

1 articular process fragment.

UPPER LIMB:

Humerus: 2 shaft fragments, 1 head fragment, 1 capitulum fragment.

Hands: 1 distal end of a phalanx.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: 2 rib fragments with new bone formation on the visceral surface. Lesion is active. Periostitis.

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10839

Redeposited cremated remains

Spit 3

SKULL:

3 cranial vault fragments.

UPPER LIMB:

Ulna: 4 shaft fragments.

LOWER LIMB:

Tibia: 2 shaft fragments.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10839

Redeposited cremated remains

Spit 4

SKULL:

Mandible: Right head of condyle.

1 zygomatic arch fragment.

26 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Slight porosity on 6 cranial fragments.

PYRE GOODS: 4 animal bone fragments.

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10844

Unurned burial

Spit 1

SKULL:

Teeth: 1 maxillary second premolar root.

15 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 acetabulum fragments, 1 ilium fragment.

Rib: 2 body fragments.

Thoracic: 2 left superior articular processes.

1 vertebra fragments.

UPPER LIMB:

Ulna: 1 shaft fragment.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE/GRAVE GOODS: hobnails?

CREMATION SUMMARY: All white

COMMENTS:

The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10844

Unurned burial

Spit 2

SKULL:

Mandible: Left condyle.

9 cranial vault fragments.

AXIAL SKELETON:

Rib: 4 body fragments.

Thoracic: 1 right superior articular process, 1 pedicle.

UPPER LIMB:

Hands: Metacarpal head fragment, 1 phalanx shaft.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE/GRAVE GOODS: 1 hobnail?

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very high amount of unidentifiable bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10844

Unurned burial

Spit 3

SKULL:

Left frontal process of the zygomatic bone.

45 cranial vault fragments.

AXIAL SKELETON:

Atlas: 1 superior and inferior articular surface fragment.

Cervical: 1 right inferior articular process.

Thoracic: 1 left inferior articular process, 1 right inferior articular process, 2 left superior articular processes.

UPPER LIMB:

Humerus: 1 shaft fragment.

Hands: 1 phalanx fragment.

LOWER LIMB:

Femur: 1 shaft fragment.

Fibula: 4 shaft fragments.

Foot: 2 metatarsal shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very high proportion of unidentifiable bone fragments from the 2 mm fraction

ARC NBR 98

CONTEXT NUMBER

10844

Unurned burial

Spit 4

SKULL:

55 cranial vault fragments.

AXIAL SKELETON:

Rib: 5 body fragments.

3 vertebral body fragments.

LOWER LIMB:

Foot: 3 metatarsal shaft fragment, 1 metatarsal head fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10847

Redeposited cremated remains

UPPER LIMB:

Humerus: 1 shaft fragment.

Radius: 1 shaft fragment.

LOWER LIMB:

Tibia: 1 anterior border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: all white

ARC NBR 98

CONTEXT NUMBER

10854

Unurned burial

SKULL:

8 cranial vault fragments.

AGE: Immature

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: all white

COMMENTS: The residue contained a large quantity of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

10861

Redeposited cremated remains

SKULL:

1 cranial vault fragments.

LOWER LIMB:

Tibia: 1 shaft fragment with anterior border.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10868

Pyre site

SKULL:

Teeth: 1 single root, 4 root fragments, 1 crown fragment.

Right temporal bone fragment with posterior zygomatic arch (Sex: Male?), 1 zygomatic arch fragment.

15 cranial vault fragments.

AXIAL SKELETON:

Rib: 3 body fragments.

Thoracic: 1 left superior articular process.

2 vertebral articular process fragments.

UPPER LIMB:

Humerus: 3 shaft fragments.

Ulna: Left tuberosity fragment, 3 shaft fragments, left trochlear notch fragment.

LOWER LIMB:

Femur: 1 linea aspera fragment, 4 shaft fragments.

Tibia: 1 shaft fragment with lateral border, 1 anterior border fragment, 1 shaft fragment..

Fibula: 3 shaft fragments.

AGE: Adult

SEX: Male??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white. 1 piece of charcoal (1 g).

COMMENTS: A very large amount of residue containing a high amount of charcoal fragments and a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10869

Unurned burial

Spit 1

SKULL:

5 cranial vault fragments.

AXIAL SKELETON:

Innominate: Left auricular surface fragment, superior demiface (Sex: Male, Age: 35-45)

LOWER LIMB:

Femur: 1 shaft fragment.

AGE: 35-45

SEX: Male?

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white and slightly abraded.

COMMENTS: The residue contained a small amount of unidentifiable bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10869

Unurned burial

Spit 2

SKULL:

3 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white and slightly abraded. 1 piece of burnt flint (1 g)

COMMENTS: The residue contained a small amount of unidentifiable bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10869

Unurned burial

Spit 3

SKULL:

5 cranial vault fragments.

LOWER LIMB:

Tibia: Anterior border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 2 unidentified bone fragments with blue stain.

CREMATION SUMMARY: All white and slightly abraded.

COMMENTS: The residue contained a small amount of unidentifiable bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10869

Unurned burial

Spit 4

SKULL:

Teeth: 1 single tooth root.

9 cranial vault fragments.

AXIAL SKELETON:

Thoracic: 1 right superior articular process..

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white and slightly abraded.

COMMENTS: The residue contained a small amount of unidentifiable bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10869

Unurned burial

Spit 5

COMMENTS: Residue only containing a very small amount of unidentified fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10869

Unurned burial

Spit 6

SKULL:

1 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white and slightly abraded.

COMMENTS: The residue contained a small amount of unidentifiable bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10881

Redeposited cremated remains

SKULL:

6 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

LOWER LIMB:

Femur: 1 shaft fragment.

Tibia: 1 anterior border fragment, 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white and slightly abraded.

COMMENTS: The residue contained a small amount of unidentifiable bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10882

Unurned burial

SKULL:

9 cranial vault fragments.

AXIAL SKELETON:

1 vertebral body fragments.

UPPER LIMB:

Ulna: 3 shaft fragments.

LOWER LIMB:

Femur: 1 postero-distal shaft fragment, 2 shaft fragments.

Tibia: 1 anterior border fragment, 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white. Fragments are slightly abraded.

COMMENTS:

The residue contained a high proportion of unidentifiable bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10882

Unurned burial

Area A

LOWER LIMB:

Tibia: 5 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Striated lamellar bone on the tibia shaft fragments, healed periostitis.

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10882

Unurned burial

Area B

SKULL:

16 cranial vault fragments.
LOWER LIMB:
Femur: 1 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10882

Unurned burial
Area C
UPPER LIMB:
Humerus: 2 right antero-distal shaft fragments, 4 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10882

Unurned burial
Area D
SKULL:
1 mastoid fragment.
8 cranial vault fragments.
UPPER LIMB:
Radius: 2 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS:
The residue contained a high proportion of unidentifiable bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10882

Unurned burial
Area E
SKULL:
8 cranial vault fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS:
The residue contained a high proportion of unidentifiable bone fragments form the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10882

Unurned burial
Area F
SKULL:
Mandible: 1 body fragment.
Teeth: 1 mandibular 3rd molar.
7 cranial vault fragments.
AXIAL SKELETON:
Rib: 1 body fragment.
LOWER LIMB:
Femur: 1 shaft fragment with linea aspera, 1 postero-distal shaft fragment, 3 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS:
The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10885

Unurned burial or redeposited pyre debris

Spit 1

SKULL:

6 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10885

Unurned burial or redeposited pyre debris

Spit 2

SKULL:

12 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10886

Unurned burial or redeposited pyre debris

SKULL:

Teeth: 1 root fragment.

1 superior margin of the external acoustic meatus.

9 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 2 burnt flint fragments (9 g)

COMMENTS: The residue contained very few unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

10889

Urned burial

AXIAL SKELETON:

1 articular process fragment.

LOWER LIMB:

Tibia: Distal end fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

10895

Urned burial

SKULL:

Mandible: 1 alveolar fragment with 2 single tooth sockets.

1 frontal bone fragment with partial sinus.

6 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

Thoracic: 1 left superior articular process.

UPPER LIMB:

Humerus: 1 antero-distal shaft fragment.

Ulna: Right antero-proximal shaft fragment.

Radius: 1 shaft fragment.

Hands: 1 metacarpal head.

LOWER LIMB:

Tibia: 2 anterior border fragments, 1 shaft fragment.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 2 animal bone fragments.

CREMATION SUMMARY: All white

COMMENTS:

The residue contained a high proportion of unidentifiable bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10900

Redeposited pyre debris

UPPER LIMB:

Scapula: 1 fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10900

Redeposited pyre debris

SKULL:

19 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

UPPER LIMB:

Ulna: 2 shaft fragments.

LOWER LIMB:

Tibia: 1 right shaft fragment.

AGE: Immature

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 1 burnt flint fragment (< 1 g)

COMMENTS: The residue contained a very small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

10902

Redeposited pyre debris

SKULL:

5 cranial vault fragments.

LOWER LIMB:

Tibia: 2 anterior border fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 animal bone fragment (< 1 g)

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentified bone fragments.

ARC NBR 98

CONTEXT NUMBER

10903

Redeposited pyre debris

AXIAL SKELETON:

Thoracic: 1 ;eft superior articular process.

4 vertebral body fragments, 1 inferior articular process fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Slight osteophyte formation on vertebral body fragment.

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10909

Redeposited cremated remains

Spit 1

LOWER LIMB:

Femur: 1 postero-proximal shaft fragment, 1 shaft fragment with linea aspera.

Fibula: 1 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10909

Redeposited cremated remains

Spit 2

SKULL:

Mandible: Left coronoid process.

AXIAL SKELETON:

Rib: 1 body fragment.

Thoracic: 1 right superior articular process.

Lumbar: 1 body and pedicle fragment.

1 vertebral body fragments.

LOWER LIMB:

Femur: 1 shaft fragment, 1 postero-proximal shaft fragment.

Tibia: 1 shaft fragment with foramen, 1 distal joint surface fragment with partial medial malleolus, 1 shaft fragment with anterior border, 3 shaft fragments with lateral border.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 tibia shaft fragment and 1 unidentifiable fragment with turquoise stain.

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10909

Redeposited cremated remains

Spit 3

AXIAL SKELETON:

Rib: 1 body fragment.

LOWER LIMB:

Tibia: 1 shaft fragment with anterior border.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10909

Redeposited cremated remains

Spit 4

SKULL:

1 zygomatic bone fragment, right petrous portion.

3 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

Atlas: dens facet.

Thoracic: 1 inferior articular process with lamina fragment.

UPPER LIMB:

Ulna: 2 shaft fragments, left antero-proximal shaft fragment with nutrient foramen.

Hands: 1 proximal phalanx.

LOWER LIMB:

Femur: 2 shaft fragments.

Tibia: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: Petrous portion coloured grey.

ARC NBR 98

CONTEXT NUMBER

10911

Unurned burial

Spit 1

SKULL:

10 cranial vault fragments.
AXIAL SKELETON:
Atlas: Right superior articular surface fragment.
UPPER LIMB:
Scapula: Glenoid fossa fragment.
Humerus: 1 shaft fragment.
Hands: 1 metacarpal head fragment.
LOWER LIMB:
Tibia: Condyle fragment, 1 shaft fragment.
Fibula: 1 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10911

Unurned burial
Spit 2
SKULL:
Mandible: 2 right coronoid process fragment.
1 orbital rim fragment (Sex: Male??)
16 cranial vault fragments.
AXIAL SKELETON:
Innominate: 1 iliac crest fragment.
Rib: 7 body fragments.
Cervical: 1 inferior articular process, 1 left inferior articular process fragment, 1 right inferior articular process.
Thoracic: 1 body fragment with transverse process fragment, 1 left inferior articular process, 2 right inferior articular process fragments, 1 left superior articular process fragment, 1 right superior articular process.
Lumbar: 1 right inferior articular process.
12 vertebral body fragments, 2 pedicles.
UPPER LIMB:
Humerus: 1 head, 3 shaft fragment.
Ulna: 4 shaft fragments.
Radius: 1 shaft fragment.
Hands: 1 intermediate phalanx, 1 distal phalanx.
AGE: Adult
SEX: Male??
PATHOLOGY SUMMARY: Vertebral body fragments, moderate lipping and pitting of the surfaces.
PYRE GOODS: Humerus shaft fragment with turquoise stain.
CREMATION SUMMARY: All white
COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10911

Unurned burial
Spit 3
SKULL:
1 orbital rim fragment.
10 cranial vault fragments.
AXIAL SKELETON:
Innominate:
Rib: 5 body fragment.
Thoracic: 1 inferior and superior articular process with lamina fragment, 1 spinous process fragment, 1 left inferior articular process, 2 right superior articular processes
Lumbar: 1 body fragment.
4 vertebral body fragments.
UPPER LIMB:
Humerus: 1 shaft fragment.
LOWER LIMB:
Tibia: 4 shaft fragments.
Fibula: 1 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: Humerus shaft fragment with turquoise stain.
CREMATION SUMMARY: All white
COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10911

Unurned burial
Spit 4
SKULL:
8 cranial vault fragments.
AXIAL SKELETON:
Rib: 2 body fragments.
Cervical: 1 inferior process fragment.
Thoracic: 1 left inferior articular process, 1 right superior articular process
3 vertebral body fragments, 1 right inferior articular process fragment
LOWER LIMB:
Tibia: 2 shaft fragments.
Fibula: 3 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10915

Unurned burial
SKULL:
Teeth: 7 crown fragments.
57 cranial vault fragments.
AXIAL SKELETON:
Rib: 1 head, 6 body fragments.
Thoracic: 1 superior articular process.
UPPER LIMB:
Humerus: 1 proximal shaft fragment.
AGE: Subadult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10923

Unurned burial
SKULL:
Teeth: 1 premolar crown fragment, 1 molar crown fragment.
1 petrous portion fragment.
30 cranial vault fragments.
UPPER LIMB:
Scapula: 1 blade fragment.
LOWER LIMB:
Tibia: 1 condyle fragment.
AGE: Adult?
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white and moderately abraded.
COMMENTS: The 2 mm fraction contained a significant amount of stone.

ARC NBR 98

CONTEXT NUMBER

10926

Redeposited cremated remains
SKULL:
1 superior margin of the external acoustic meatus.
15 cranial vault fragments.
AXIAL SKELETON:
Rib: 1 body fragment.
AGE: Immature
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a large amount of unidentifiable fragments.

ARC NBR 98

CONTEXT NUMBER

10947

Urned burial
Spit 1
SKULL:
Mandible: 1 ramus fragment.
1 external acoustic meatus fragment.
2 cranial vault fragments.
AXIAL SKELETON:
Rib: 2 body fragments.
UPPER LIMB:
Humerus: 1 head fragment, 1 trochlear fragment.
Ulna: 1 shaft fragment.
LOWER LIMB:
Femur: 9 shaft fragment.
Tibia: 1 condyle fragment, 1 shaft fragment.
Foot: 1 talus fragment, 1 head of 1st metatarsal fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: 5 animal bone fragments.
CREMATION SUMMARY: All white
COMMENTS: The residue contained a high amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10947

Urned burial
Spit 2
SKULL:
1 occipital fragment (Sex: Male?)
5 cranial vault fragments.
UPPER LIMB:
Humerus: 2 shaft fragments.
Ulna: Left trochlear notch, 1 shaft fragment.
LOWER LIMB:
Femur: 2 shaft fragments.
Tibia: 1 proximal shaft fragment, 3 shaft fragments.
Foot: 1 trochlear surface of body of talus.
AGE: Unknown
SEX: Male?
PATHOLOGY SUMMARY: None
PYRE GOODS: 8 pig? bone fragments, one with cut marks.
CREMATION SUMMARY: All white
COMMENTS: The residue contained a high amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10947

Urned burial
Spit 3
AXIAL SKELETON:
2 vertebral body fragments.
UPPER LIMB:
Radius: 2 shaft fragments,
LOWER LIMB:
Femur: 2 postero-distal shaft fragments, 2 posterior shaft fragments with linea aspera, 2 linea aspera fragments, 2 anterior shaft fragments, 1 neck fragment. 9 shaft fragments.
Tibia: 2 condyle fragments, 1 shaft fragment.
Fibula: 1 proximal joint surface fragment, 3 shaft fragments.
Foot: 1 metatarsal head fragment, 1 talus head fragment, left medial cuneiform.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: 16 animal bone fragments. Pig?
CREMATION SUMMARY: All white
COMMENTS: The residue contained a high amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10947

Urned burial
Spit 4
SKULL:
2 cranial vault fragments.
AXIAL SKELETON:

Rib: 2 body fragments.
Thoracic: Right superior articular process with transverse process and lamina fragment.
Lumbar: Right inferior and superior articular processes with lamina fragment, 1 right superior articular process, 1 right inferior articular process.
2 vertebral body fragments.
UPPER LIMB:
Scapula: 1 blade fragment.
Clavicle: 1 fragment.
Hands: 1 intermediate phalanx, 1 proximal end of an intermediate phalanx.
LOWER LIMB:
Femur: 1 head, 1 greater trochanter fragment, 5 shaft fragments.
Tibia: 2 anterior border fragments, 2 shaft fragments with anterior border, 2 shaft fragments with lateral border.
Fibula: 1 shaft fragment.
Foot: 1 cuneiform fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: 8 animal bones
CREMATION SUMMARY: All white
COMMENTS: The residue contained a high amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10947

Urned burial

Spit 5

SKULL:

3 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 greater sciatic notch fragment (Sex: Male?), 1 blade fragment.

Cervical: 1 right inferior articular process

Thoracic: 1 spinous process fragment.

2 vertebral body fragments.

UPPER LIMB:

Humerus: 3 shaft fragments.

LOWER LIMB:

Femur: 4 shaft fragments with linea aspera, 12 shaft fragments, 1 condyle fragment,

Tibia: 1 shaft fragment with anterior border, 5 shaft fragments, 3 condyle fragments, 1 anterior border fragment.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Male?

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10947

Urned burial

Spit 6

SKULL:

Maxilla: Anterior surface fragment.

5 cranial vault fragments.

AXIAL SKELETON:

Innominate: acetabulum fragment

1 vertebral body fragments.

LOWER LIMB:

Femur: 1 shaft fragment with linea aspera, 6 shaft fragments, 1 condyle fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 glass fragment

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10957

Redeposited cremated remains

SKULL:

Mandible: 1 body fragment.

Teeth: 3 root fragments, 1 crown fragment.

1 occipital bone fragment.

20 cranial vault fragments.

LOWER LIMB:

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

10959

Pyre site

Spit 1

SKULL:

Teeth: 1 single tooth root fragment, 1 single root, 4 root fragments.

Left orbital rim (Sex: Female), right frontal with orbital rim outline.

14 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

Thoracic: 1 lamina fragment.

1 vertebral body fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

LOWER LIMB:

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Female?

PATHOLOGY SUMMARY: None

PYRE GOODS: 2 animal bones

CREMATION SUMMARY: All white

COMMENTS: The residue contained a large amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10959

Pyre site

Spit 2

SKULL:

13 cranial vault fragments.

AXIAL SKELETON:

1 vertebral pedicle.

LOWER LIMB:

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 3 animal bone fragments

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10959

Pyre site

Spit 3

SKULL:

Teeth: 1 molar root fragment, 1 crown fragment.

7 cranial vault fragments.

UPPER LIMB:

Humerus: 2 proximal shaft fragments.

Radius: Head fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 animal bone fragment.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10959

Pyre site

Spit 4

SKULL:

9 cranial vault fragments.
AXIAL SKELETON:
Thoracic: 1 right superior articular process.
LOWER LIMB:
Tibia: 1 shaft fragment with anterior border.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: 5 animal bone fragments.

CREMATION SUMMARY: All white
COMMENTS:
The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10959

Pyre site
Spit 5
SKULL:
26 cranial vault fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: 3 animal bone fragments.
CREMATION SUMMARY: All white
COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10959

Pyre site
Spit 6
SKULL:
5 cranial vault fragments.
LOWER LIMB:
Tibia: 1 anterior border fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a large amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10959

Pyre site
Spit 7
SKULL:
4 cranial vault fragments.
AXIAL SKELETON:
Thoracic: 1 right superior articular process.
LOWER LIMB:
Femur: 1 shaft fragment.
Tibia: 2 shaft fragments with anterior border, 1 anterior border fragment.
Fibula: 1 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: 2 animal bone fragments.
CREMATION SUMMARY: All white
COMMENTS: The residue contained a large amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10959

Pyre site
Spit 8
PYRE GOODS: 3 animal bone fragments.
CREMATION SUMMARY: All white
COMMENTS: Few unidentified bone fragments present within the spit. The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10970

Unurned burial

UPPER LIMB:

Humerus: 1 shaft fragment.

LOWER LIMB:

Femur: 2 shaft fragments, 3 shaft fragments with linea aspera.

Tibia: 4 anterior border fragments, 2 shaft fragments with lateral border, 2 shaft fragments.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10976

Urned burial

SKULL:

12 cranial vault fragments.

AXIAL SKELETON:

Lumbar: 1 left superior articular process.

UPPER LIMB:

Radius: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10978

Redeposited cremated remains

SKULL:

Teeth: 1 single root fragments.

1 mastoid (Sex: Female??)

4 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 rib fragments.

LOWER LIMB:

Tibia: Anterior border fragment.

AGE: Adult

SEX: Female??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10981

Redeposited cremated remains

SKULL:

Right temporal bone with partial external acoustic meatus.

15 cranial vault fragments.

UPPER LIMB:

Radius: 1 shaft fragment.

LOWER LIMB:

Femur: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone from the 2 mm fraction as well as a very small amount of charcoal fragments.

ARC NBR 98

CONTEXT NUMBER

10984

Unurned burial

SKULL:

Mandible: 2 body fragments, lingual surface with partial tooth sockets.
 Maxilla: 1 palate fragment.
 Teeth: 1 maxillary molar root fragment, 3 root fragments.
 3 occipital fragments, right and left petrous portions, right temporal bone fragment with partial external acoustic meatus, 2 temporal bone fragments.
 89 cranial vault fragments.
 AXIAL SKELETON:
 Rib: 6 body fragments.
 Thoracic: 1 superior articular surface fragment.
 5 vertebral fragments.
 UPPER LIMB:
 Scapula: 1 spine fragment.
 Humerus: 5 shaft fragments, 1 capitulum fragment.
 Ulna: 1 shaft fragment.
 Radius: 1 tubercle fragment, 2 shaft fragments.
 LOWER LIMB:
 Femur: 1 shaft fragment with linea aspera, 3 shaft fragments, 1 linea aspera fragment.
 Tibia: 2 shaft fragments, 2 anterior border fragments.
 Fibula: 5 shaft fragments.
 Foot: 1 proximal end of a proximal phalanx of the 1st digit.
 AGE: Adult
 SEX: Unknown
 PATHOLOGY SUMMARY: 1 ossicle at the lambdoid suture.
 PYRE GOODS: None
 CREMATION SUMMARY: All white
 COMMENTS:
 Small amount of residue containing a small amount of unidentifiable bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10990

Urned burial

SKULL:

1 cranial vault fragments.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 5 unidentified fragments with iron staining.

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

10990

Urned burial

Spit 1

SKULL:

Mandible: 1 left body fragment, lingual surface with a molar socket.

1 parietal fragment.

5 cranial vault fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

LOWER LIMB:

Tibia: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 cranial fragment with iron staining.

CREMATION SUMMARY: All white

COMMENTS: Small amount of residue containing a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10990

Urned burial

Spit 2

SKULL:

1 frontal bone fragment (Sex: supra-orbital ridge; Male??), 1 petrous portion fragment.

7 cranial vault fragments.

UPPER LIMB:

Radius: 1 radius shaft fragment with nutrient foramen, 2 shaft fragments.

Hands: 1 phalanx shaft.

AGE: Adult

SEX: Male??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

10990

Urned burial

Spit 3

SKULL:

5 cranial vault fragments.

UPPER LIMB:

Humerus: 1 distal articular surface fragment.

Hands: 1 metacarpal shaft fragment.

LOWER LIMB:

Femur: 1 shaft fragment.

Tibia: 1 anterior border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER:

11002

Urned burial

Spit 1

LOWER LIMB:

Fibula: 1 shaft fragment.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount, but all, unidentified bone fragments from the 2 mm fraction

ARC NBR 98

CONTEXT NUMBER

11002

Urned burial

Spit 2

SKULL:

Left mastoid fragment.

2 cranial vault fragments.

AXIAL SKELETON:

1 articular process fragment.

LOWER LIMB:

Femur: 1 linea aspera fragment.

Tibia: 1 shaft fragment, 1 anterior border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 1 fragment of burnt flint (1 g), all bones are white.

COMMENTS: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11002

Urned burial

Spit 3

SKULL:

2 frontal bone fragments, 1 supra-orbital rim fragment (Sex: Female??).

7 cranial vault fragments.

AXIAL SKELETON:

Thoracic: Right inferior articular process with lamina, left superior articular process.

UPPER LIMB:

Ulna: 2 shaft fragments, right olecranon process, 1 proximal shaft fragment.

LOWER LIMB:

Femur: 1 shaft fragment.

Tibia: 1 postero-superior shaft fragment with soleus line, 2 shaft fragments.

AGE: Adult

SEX: Female??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentified bone fragments from the 2 mm fraction and a small amount charcoal fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11002

Urned burial

Spit 4

SKULL:

Left mandibular fossa.

31 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

Cervical: 1 body, 1 body fragment, 1 inferior articular process fragment.

Thoracic: Right inferior articular process and lamina, 1 lamina and inferior articular process fragment.

Lumbar: 1 left inferior articular process, 1 left superior articular process with pedicle.

1 vertebral body fragments.

UPPER LIMB:

Ulna: 2 proximal shaft fragments.

LOWER LIMB:

Femur: 1 condyle fragment, 4 shaft fragments.

Tibia: 1 anterior border fragment.

Fibula: 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY:

13 pieces of fuel ash slag (1 g).

COMMENTS: The residue contained a very high amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11002

Urned burial

Spit 5

SKULL:

Teeth: 1 molar tooth root fragment.

10 cranial vault fragments.

AXIAL SKELETON:

Rib: 6 body fragments.

Atlas: Dens.

Thoracic: 1 body, 1 body fragment, 2 transverse process fragment, 1 left superior articular process fragment, 1 right inferior articular process fragment.

Lumbar: 1 inferior right process with lamina.

4 vertebral body fragments.

LOWER LIMB:

Femur: 1 shaft fragment with linea aspera, 1 head fragment, 1 condyle fragment, 4 postero-distal fragments with linea aspera, 4 shaft fragments.

Tibia: 1 tuberosity fragment, 3 shaft fragments with anterior border, 4 shaft fragments.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY:

7 pieces of fuel ash slag (1 g)

COMMENTS: The residue contained a very high proportion of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11002

Urned burial

Spit 6

SKULL:

1 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 neck fragment, 1 body fragment.

Atlas: Left superior and inferior articular surfaces.

Cervical: 1 body fragment, 1 right inferior articular process and lamina., 1 right inferior and superior articular process fragment.

Thoracic: 1 body, 2 right superior articular processes, 1 left superior articular process, 1 right inferior articular process fragment.

Lumbar: 1 body fragment.

9 vertebral body fragments, 2 pedicles.

UPPER LIMB:

Humerus: 3 shaft fragments.

LOWER LIMB:

Femur: 2 postero-distal shaft fragments with linea aspera, 2 proximal shaft fragments, 7 shaft fragments.

Tibia: 1 shaft fragment with anterior border, 1 shaft fragment, 2 shaft fragments with lateral border.

Fibula: 6 shaft fragments.

Foot: 1 phalanx fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very high amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11002

Urned burial

Spit 7

SKULL:

Right mastoid process (Sex: Male, Non-metric trait: mastoid foramen extra-sutural)

8 cranial vault fragments.

AXIAL SKELETON:

Innominate: 3 iliac blade fragments, 1 right ischial spine with lesser sciatic notch fragment. 1 iliac crest fragment, 1 auricular surface fragment.

Rib: 1 body fragment.

Lumbar: 1 body fragment, 1 left superior articular process fragment, 1 right superior articular process fragment, 2 pedicles.

5 vertebral body fragments.

UPPER LIMB:

Scapula: 2 blade fragments.

Humerus: 1 shaft fragment.

Ulna: 2 shaft fragments.

LOWER LIMB:

Femur: 1 condyle fragment, 3 postero-distal shaft fragments with linea aspera, 1 shaft fragment.

Tibia: 1 shaft fragment with anterior border, 2 shaft fragments with lateral border.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Male?

PATHOLOGY SUMMARY: Non-metric trait: Mastoid foramen extra-sutural.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very large amount of unidentified bone fragment from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11002

Urned burial

Spit 8

SKULL:

1 frontal bone fragment with supra-orbital arch (Sex: Male), 1 zygomatic bone fragment.

22 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

UPPER LIMB:

Scapula: 1 blade fragment.

Humerus: 1 shaft fragment.

Ulna: 1 shaft fragment.

Radius: 2 shaft fragments.

LOWER LIMB:

Tibia: 1 anterior border fragment, 1 shaft fragment with anterior border, 1 shaft fragment.

Fibula: 5 shaft fragments.

Foot: 1 1st metatarsal head fragment, 2 phalanx fragments.

AGE: Adult

SEX: Male

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very high amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11002

Urned burial

Spit 9

SKULL:

Mandible: Right body fragment, buccal surface with partial tooth socket.
Maxilla: 1 palate fragment.
Left orbital rim and frontal bone fragment (Sex: Male ??), right mandibular fossa, 1 temporal squamous fragment.
72 cranial vault fragments.
AXIAL SKELETON:
Rib: 9 body fragments.
Thoracic: 1 transverse process fragment, 1 left superior articular process.
UPPER LIMB:
Humerus: 1 antero-distal shaft fragment, 1 shaft fragment.
Hands: 1 distal end of a proximal phalanx, 1 distal phalanx, 1 distal end of an intermediate phalanx..
LOWER LIMB:
Tibia: 1 shaft fragment.
Fibula: 1 shaft fragment, 1 anterior border fragment.
Foot: 1 shaft fragment.
AGE: Adult
SEX: Male??
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11010

Pyre site

Area 1

SKULL:

1 cranial vault fragments.

LOWER LIMB:

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Striated lamellar bone and new woven bone present on 5 long bone fragments from the lower limb.
Active periostitis.

PYRE GOODS: 2 small copper alloy fragments.

CREMATION SUMMARY: All white.

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11010

Pyre site

Area 2

SKULL:

Mandible: 2 body fragments, lingual surfaces.

Teeth: 1 single tooth root fragment, 1 molar root fragment.

10 cranial vault fragments.

AXIAL SKELETON:

Cervical: 1 superior articular process fragment.

UPPER LIMB:

Ulna: 2 shaft fragments.

LOWER LIMB:

Tibia: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 4 copper ally fragments.

CREMATION SUMMARY: All white.

COMMENTS: The residue contained a moderate amount of unidentified bone fragments from the 2 mm fraction and a moderate amount of charcoal fragments, also from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11010

Pyre site

Area 3

SKULL:

Maxilla: 1 left fragment with partial body and alveolar process. A socket for a molar is also present. 1 fragment, 4 alveolar margin fragments with partial tooth sockets.

Teeth: Right 3rd maxillary molar root, 1 canine root fragment, 7 single tooth roots, 2 maxillary premolar root fragments, 15 molar root fragments, 6 single root fragments, 6 crown fragments.

Left temporal bone fragment, 1 squamous fragment of the temporal bone, left frontal process of the zygomatic bone, 1 zygomatic bone fragment.

98 cranial vault fragments.

AXIAL SKELETON:

Rib: 8 body fragments.
Cervical: 3 body fragments, right superior and inferior articular process fragment.
Thoracic: 2 right superior articular process fragments, 2 left superior articular process fragments..
4 vertebral body fragments, 2 inferior articular process fragments..
UPPER LIMB:
Scapula: 1 blade fragment with medial border, 1 blade fragment.
Ulna: 1 shaft fragment.
Hands: 2 phalanx fragments, 1 scaphoid fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: 2 copper alloy fragments
CREMATION SUMMARY: All white.
COMMENTS: The residue contained a moderate amount of unidentified bone fragments from the 2 mm fraction and a high amount of charcoal fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11011

Pyre site

SKULL:

Left petrous portion.

46 cranial vault fragments.

LOWER LIMB:

Femur: 2 shaft fragments,

Tibia: 2 anterior border fragments, 2 shaft fragments with lateral border, 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All bones were white.

(3 burnt flint fragments 8 g)

ARC NBR 98

CONTEXT NUMBER

11013

Pyre site

SKULL:

Teeth: 1 single tooth root, 4 root fragments, 4 crown fragments.

25 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

Thoracic: 1 right inferior articular process.

3 vertebral body fragments.

UPPER LIMB:

Scapula: 1 spine fragment.

Radius: 1 distal shaft fragment.

LOWER LIMB:

Femur: 1 shaft fragment.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Woven bone present on an unidentified long bone fragment.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction and charcoal fragments.

ARC NBR 98

CONTEXT NUMBER

11016

Urned burial

SKULL:

3 cranial vault fragments.

LOWER LIMB:

Tibia: 1 shaft fragment with anterior border.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

11020

Urned burial
 SKULL:
 1 cranial vault fragments.
 LOWER LIMB:
 Femur: 1 shaft fragment.
 AGE: Adult?
 SEX: Unknown
 PATHOLOGY SUMMARY: None
 PYRE GOODS: None
 CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11020

Urned burial
 Spit 1
 SKULL:
 Mandible: 1 coronoid process fragment.
 Teeth: 1 canine root fragment.
 Left frontal process of the zygomatic bone, 1 ossicle.
 25 cranial vault fragments.
 AXIAL:
 Rib: 1 body fragment.
 Cervical: 1 left inferior articular process.
 Thoracic: 1 left superior articular process, 1 right inferior articular process.
 Lumbar: 1 left inferior articular process.
 1 inferior articular process fragment.
 UPPER LIMB:
 Scapula: Spine fragment.
 Humerus: 1 shaft fragment.
 Ulna: 1 coronoid process fragment.
 LOWER LIMB:
 Femur: 1 shaft fragment.
 AGE: Adult
 SEX: Unknown
 PATHOLOGY SUMMARY: None
 PYRE GOODS: None
 CREMATION SUMMARY: All white
 COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11020

Urned burial
 Spit 2
 SKULL:
 Mandible: 1 coronoid process fragment.
 Left petrous portion, right supra-orbital rim fragment (Sex: Female), 2 left supra-orbital rim fragment one with zygomatic process (Sex: Female), 1 mastoid fragment.
 25 cranial vault fragments.
 AXIAL:
 Rib: 2 body fragments.
 Thoracic: 1 superior left articular process with pedicle.
 2 vertebral body fragments, 2 inferior articular process fragments..
 UPPER LIMB:
 Humerus: 1 shaft fragment.
 Ulna: 1 superio-proximal shaft fragment.
 LOWER LIMB:
 Femur: Linea aspera fragment.
 Tibia: 1 postero-superior shaft fragment., 1 shaft fragment, 1 anterior border fragment..
 AGE: Adult
 SEX: Female?
 PATHOLOGY SUMMARY: Non metric trait: Parietal foramen.
 PYRE GOODS: 1 animal bone.
 CREMATION SUMMARY: All white
 COMMENTS: The residue contained a high proportion of unidentifiable fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11020

Urned burial
 Spit 3
 SKULL:
 Maxilla: 2 alveolar process with 2 partial tooth sockets.

Teeth: Left second mandibular molar root with crown fragment, 2 single root fragments, 1 root fragment.
Right petrous portion, 1 occipital protuberance fragment (Sex: Male?), 1 zygomatic arch fragment.
33 cranial vault fragments.
AXIAL SKELETON:
Rib: 8 body fragments, 1 neck fragment.
Cervical: 1 left inferior articular process.
Thoracic: 1 left superior articular process.
1 vertebral body fragments.
UPPER LIMB:
Scapula: Glenoid fossa fragment.
Humerus: 1 left superio-lateral shaft fragment, 1 antero-distal shaft fragment, 1 head fragment, 1 trochlear fragment.
LOWER LIMB:
Tibia: 3 shaft fragments with anterior border.
AGE: Adult
SEX: Male?
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11020

Urned burial

Spit 4

SKULL:

Teeth: 1 root fragment.

Right mastoid (Sex: Female), right temporal bone fragment with superior margin of the external acoustic meatus, zygomatic bone fragment, 2 temporal bone fragments.

7 cranial vault fragments.

AXIAL SKELETON:

Rib: 6 body fragments.

Thoracic: 1 left inferior articular process, 2 right inferior articular processes.

LOWER LIMB:

Femur: 1 left superior-posterior shaft fragment, 6 shaft fragments, 1 condyle fragment.

Tibia: 1 shaft fragment with anterior border, 1 anterior border fragment.

Fibula: 2 shaft fragments.

Foot: 1 navicular fragment, 1 metatarsal shaft fragment.

AGE: Adult

SEX: Female

PATHOLOGY SUMMARY: None

PYRE GOODS: 8 animal bone fragments.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11020

Urned burial

Spit 5

SKULL:

Mandible: 2 body fragments, alveolar margin with partial tooth sockets.

Teeth: 1 molar root fragment, 1 single root fragment.

5 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac crest fragment.

Thoracic: 1 right inferior articular process with lamina.

1 vertebral body fragment.

UPPER LIMB:

Ulna: 2 shaft fragments.

LOWER LIMB:

Femur: 1 head fragment, 4 shaft fragments.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 2 animal bones, cattle.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11020

Urned burial

Spit 6

SKULL:

Teeth: 2 molar root fragments.
4 cranial vault fragments.
AXIAL SKELETON:
Innominate: 1 iliac crest fragment.
Rib: 8 body fragments.
Thoracic: 2 inferior articular process fragments.
Lumbar: 1 left inferior articular process.
3 vertebral body fragments.
LOWER LIMB:
Femur: 1 postero-inferior shaft fragment, 2 shaft fragments.
Tibia: 3 shaft fragments with anterior border, 1 shaft fragment with lateral border, 1 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: Non-metric trait: 1 ossicle
PYRE GOODS: 27 fragments of animal bones, cattle femur.
CREMATION SUMMARY: All white
COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2mm fraction.

ARC NBR 98

CONTEXT NUMBER

11020

Urned burial

Spit 7

SKULL:

11 cranial vault fragments.

AXIAL SKELETON:

Rib: 8 body fragments.

Cervical: 1 right superior and inferior articular process.

2 vertebral body fragments.

UPPER LIMB:

Ulna: 1 right proximal shaft fragment, 1 shaft fragment.

LOWER LIMB:

Femur: 3 shaft fragments.

Foot: 1 1st metatarsal head fragment, 1 metatarsal shaft fragment,.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white. 1 piece of burnt flint (3 g).

COMMENTS: The residue contained a high amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11027

Unurned burial

SKULL:

2 cranial vault fragments.

UPPER LIMB:

Humerus: 2 antero-distal shaft fragments.

Ulna: 1 right antero-proximal shaft fragment, 1 shaft fragment with nutrient foramen, 1 shaft fragment.

Radius: 1 right anterior-proximal shaft fragment.

LOWER LIMB:

Femur: 2 shaft fragments, 3 postero-proximal shaft fragments.

Tibia: 2 shaft fragments with anterior border, 6 anterior border fragments.

AGE: Adult

SEX: Female

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white.

1 burnt flint fragment (2 g)

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11047

Unurned burial or redeposited pyre debris

SKULL:

2 occipital bone fragments.

27 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

Atlas: Right superior articular facet and posterior arch fragment.

2 vertebral body fragment, 1 inferior articular surface fragment.

LOWER LIMB:

Tibia: 4 shaft fragments, 2 shaft fragments with anterior border, 1 anterior border fragment.

AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11050

Unurned burial

Spit 1

SKULL:

Mandible: Head and neck of the left condyle, 1 ramus fragment.

21 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac crest fragment.

Rib: 1 body fragment.

Atlas: Dens facet.

Cervical: Left inferior and superior articular processes.

UPPER LIMB:

Humerus: 1 antero-distal shaft fragment, 1 shaft fragment.

Ulna: 4 shaft fragments.

Radius: 1 distal shaft fragment, 2 shaft fragments.

LOWER LIMB:

Femur: 1 superio-posterior shaft fragment, 3 shaft fragments.

Tibia: 6 anterior border fragments, 2 shaft fragments, 1 condyle fragment, 1 distal articular surface fragment.

Fibula: 10 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 femur shaft fragment and 1 cranial vault fragment with turquoise stain.

CREMATION SUMMARY: All white. Few fragments were moderately abraded.

ARC NBR 98

CONTEXT NUMBER

11050

Unurned burial

Spit 2

SKULL:

Mandible: 1 body fragment, lingual surface with 1 partial tooth socket.

58 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

LOWER LIMB:

Femur: 1 shaft fragment.

Tibia: 3 shaft fragments with anterior border, 3 shaft fragments, 1 anterior border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11051

Unurned burial

SKULL:

Mandible: 2 right ramus fragments, 1 body fragment, lingual surface with partial tooth socket fragment.

Right zygomatic arch fragment.

25 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

Cervical: 1 body fragment.

4 vertebral fragments.

UPPER LIMB:

Radius: 1 shaft fragment.

LOWER LIMB:

Fibula: Right articular surface of lateral malleolus.

Foot: Navicular fragment, trochlear surface fragment of talus.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11054

Redeposited pyre debris

SKULL:

Mandible: 1 condyle fragment.

Teeth: 3 crown fragments, right mandibular 1st premolar, 7 molar root fragments, 4 single root fragments, 4 root fragments.

Left petrous portion, Right temporal bone fragment with partial mastoid and posterior zygomatic arch (Sex: Female, non-metric trait: mastoid foramen extra-sutural), right frontal process of the zygomatic bone.

103 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 blade fragments.

Rib: 1 right neck fragment, 44 body fragment.

Cervical: 6 body fragments, 1 left superior and inferior articular process fragment.

Thoracic: 1 left inferior articular process, 1 left transverse process fragment, 2 left superior articular processes, 2 right superior articular processes.

Lumbar: 1 right inferior articular process fragment.

1 vertebral body fragment, 3 pedicles, 7 left inferior articular process fragments, 3 right inferior articular processes

UPPER LIMB:

Clavicle: Left lateral end fragment.

Humerus: 1 shaft fragment.

Ulna: 2 superio-anterior shaft fragments, 2 shaft fragments.

Radius: 3 shaft fragments, 1 distal articular surface fragment with ulnar notch.

Hands: 1 distal end of a proximal phalanx, 5 distal ends of intermediate phalanges, 2 proximal ends of intermediate phalanges, 1 distal phalanx, 2 phalanx shaft fragments, 1 metacarpal head fragment, 1 carpal fragment.

LOWER LIMB:

Femur: 3 shaft fragments.

Tibia: 6 anterior border fragment.

Fibula: 4 shaft fragments.

Foot: 1 head of a 1st metatarsal.

AGE: Adult

SEX: Female?

PATHOLOGY SUMMARY: 6 rib fragment with new bone formation on the visceral surface. Lesions are mixed new and lamellar bone; active non-specific infection.

PYRE GOODS: None

CREMATION SUMMARY: All bones are white. 7 burnt flint fragments (1 g).

COMMENTS: The residue contained a high amount of unidentified bone fragments from the 2 mm fraction. Same cut number as the bones from context 11055. Analysed separately but are from the same individual.

ARC NBR 98

CONTEXT NUMBER

11055

Urned burial

SKULL:

Mandible: Right body fragments with partial sockets for 2 molar teeth, right body fragment, lingual surface with 2 partial tooth sockets.

38 cranial vault fragments.

AXIAL SKELETON:

Innominate: 3 body fragments.

Rib: 6 body fragments.

Thoracic: Right inferior articular process.

3 vertebral body fragments.

UPPER LIMB:

Scapula: Right glenoid fossa fragment.

Humerus: 2 shaft fragments.

LOWER LIMB:

Femur: 2 shaft fragments.

Tibia: 3 anterior border fragment, 2 shaft fragments.

Fibula: 5 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction. Same cut number as the bones from context 11054. Analysed separately but are from the same individual.

ARC NBR 98

CONTEXT NUMBER

11061

Urned burial

Spit 1

SKULL:

5 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white.

COMMENTS:

The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11061

Urned burial

Spit 2

SKULL:

2 cranial vault fragments.

AXIAL SKELETON:

Axis: 1 superior articular surface fragment.

LOWER LIMB:

Tibia: 1 proximal shaft fragment.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS:

1 tarso-metatarsus, domestic fowl.

CREMATION SUMMARY: All white

COMMENTS:

The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11061

Urned burial

Spit 3

SKULL:

8 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 fragment.

Rib: 1 rib fragment.

1 vertebral body fragments.

UPPER LIMB:

Humerus: Capitulum and trochlea fragment.

Ulna: Right trochlea notch, 4 shaft fragments.

Radius: 1 shaft fragment.

LOWER LIMB:

Femur: 1 linea aspera fragment.

Tibia: 1 left shaft fragment with foramen.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS:

The residue contained a moderate amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11061

Urned burial

Spit 4

SKULL:

4 cranial vault fragments.

AXIAL SKELETON:

3 vertebral body fragments.

UPPER LIMB:

Humerus: Head fragment.

Ulna: Left proximal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS:

The residue contained a moderate amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11061

Urned burial

Spit 5

SKULL:

5 cranial vault fragments.

AXIAL SKELETON:

Cervical: 1 body fragment.

Thoracic: 1 right inferior articular process.

3 vertebral body fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

LOWER LIMB:

Femur: 1 proximal femur fragment, 1 shaft fragment, 1 condyle fragment.

Fibula: 1 distal left articular surface.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY:

Slight lipping and porosity on vertebral body fragments.

PYRE GOODS: None

CREMATION SUMMARY: All white.

COMMENTS:

The residue contained a considerable amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11061

Urned burial

Spit 6

SKULL:

1 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 anterior inferior iliac spine.

1 vertebral body fragments.

UPPER LIMB:

Ulna: 1 shaft fragment.

LOWER LIMB:

Femur: 1 shaft fragment with linea aspera, 1 proximal shaft fragment, 2 postero-proximal shaft fragments.

Fibula: 1 shaft fragment..

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS:

The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11066

Urned burial

Spit 1

AXIAL SKELETON:

Cervical: 2 body fragments with pedicles.

2 vertebral body fragments.

LOWER LIMB:

Femur: 2 linea aspera fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white.

COMMENTS:

The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11066

Urned burial

Spit 2

AXIAL SKELETON:

Thoracic: Left superior articular process.

UPPER LIMB:

Ulna: 1 shaft fragment.
Radius: 2 shaft fragments.
LOWER LIMB:
Femur: 3 shaft fragments.
Tibia: 2 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY:
5 pieces of charcoal present (1 g). All bones were white.
COMMENTS:
The residue contained a moderate amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11066

Urned burial

Spit 3

AXIAL SKELETON:

Innominate: 1 fragment.

Atlas: 1 superior articular surface fragment.

5 vertebral body fragments.

UPPER LIMB:

Humerus: 1 capitulum fragment, 1 trochlea fragment, 1 proximal shaft fragment, 1 shaft fragment.

Ulna: 1 shaft fragment.

Radius: 1 shaft fragment.

LOWER LIMB:

Femur: 3 shaft fragments.

Tibia: 1 shaft fragment with anterior border, 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY:

Slight lipping of vertebral body fragments.

PYRE GOODS: None

CREMATION SUMMARY: All white.

COMMENTS:

The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11066

Urned burial

Spit 4

AXIAL SKELETON:

Innominate: 1 ischial tuberosity fragment.

Thoracic: Right superior articular process.

Lumbar: 2 body fragments.

2 vertebral body fragments, 2 pedicles.

LOWER LIMB:

Femur: 1 proximal shaft fragment with spiral line, 3 shaft fragments with linea aspera.

Tibia: 4 shaft fragments with lateral border, 3 shaft fragments.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY:

Considerable pitting on the vertebral body fragments.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS:

The residue contained a considerable amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11066

Urned burial

Spit 5

AXIAL SKELETON:

Thoracic: 2 right superior articular processes.

1 vertebral body fragments.

UPPER LIMB:

Scapula: 1 glenoid fossa and blade fragment.

Radius: 1 shaft fragment.

LOWER LIMB:

Femur: 1 shaft fragment.

Tibia: 3 shaft fragments with anterior border, 1 postero-proximal shaft fragment with soleus line.
Fibula: 2 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white.
COMMENTS:
The residue contained a considerable amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11066

Urned burial

Spit 6

AXIAL SKELETON:

Innominate: 1 acetabulum fragment.

2 vertebral body fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

LOWER LIMB:

Femur: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY:

Vertebral fragment with considerable lipping.

PYRE GOODS: 1 animal bone.

CREMATION SUMMARY: All white.

COMMENTS:

The residue contained a moderate amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11066

Urned burial

Spit 7

AXIAL SKELETON:

Thoracic: 2 left inferior articular processes.

2 vertebral body fragments, 1 pedicle.

LOWER LIMB:

Femur: 3 shaft fragments.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS:

1 unidentified fragment with iron staining.

CREMATION SUMMARY: All white

COMMENTS:

The residue contained a moderate amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11071

Redeposited cremated remains

SKULL:

2 cranial vault fragments.

UPPER LIMB:

Humerus: 1 left postero-distal shaft fragment, 2 shaft fragments.

LOWER LIMB:

Tibia: 1 shaft fragment with anterior border.

Fibula: 1 shaft fragment

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

11073

Redeposited cremated remains

SKULL:

Mandible: 1 ramus fragment.

1 mastoid fragment.
3 cranial vault fragments.
LOWER LIMB:
Tibia: 2 anterior border fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11075

Redeposited cremated remains

SKULL:

1 mastoid fragment, 2 occipital fragments (Sex: Male??).
19 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment, 1 left fragment.

UPPER LIMB:

Humerus: 1 shaft fragment.

Radius: 1 shaft fragment.

LOWER LIMB:

Femur: 1 superio-lateral shaft fragment, 2 shaft fragments with linea aspera, 1 superior shaft fragment.

Tibia: 2 shaft fragments, 2 anterior border fragments.

Fibula: 2 distal shaft fragments.

AGE: Adult

SEX: Male??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY:

All white, small proportion of fragments were abraded.

COMMENTS: No residue.

ARC NBR 98

CONTEXT NUMBER

11077

Unurned burial

Spit 1

SKULL:

1 occipital fragment.

4 cranial vault fragments.

LOWER LIMB:

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

11077

Unurned burial

Spit 2

SKULL:

Right petrous portion.

14 cranial vault fragments (unfused sutures; younger than 30).

AXIAL SKELETON:

Innominate: 1 blade fragment, 1 auricular surface fragment (Sex: Female, Age: 20-27 years)

Lumbar: 2 superior articular processes.

1 pedicle.

UPPER LIMB:

Clavicle: Lateral end fragment (Age: Unfused; younger than 28)

Ulna: 1 shaft fragment.

LOWER LIMB:

Femur: 4 shaft fragments.

Tibia: 1 anterior border fragment, 1 shaft fragment.

Fibula: 3 shaft fragment.

AGE: Young Adult (20-28 years)

SEX: Female?

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue consisted mainly of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11085

Urned burial

Spit 1

SKULL:

18 cranial vault fragments.

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11085

Urned burial

Spit 2

SKULL:

Teeth: 1 2nd mandibular molar developing crown (Age: Crc: 6-7 years), 1 developing crown of 1st mandibular premolar (Age: Crc: 5 years)

29 cranial vault fragments.

AGE: 5-7 years

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white.

COMMENTS: The residue contained a high proportion of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11085

Urned burial

Spit 3

SKULL:

Teeth: Mandibular 1st premolar (Age: Crc: 5 years), 1 deciduous molar root fragment, 1 premolar fragment.

33 cranial vault fragments.

AXIAL SKELETON:

1 vertebral body fragments.

LOWER LIMB:

Femur: 2 shaft fragments.

AGE: 5-7 years

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11085

Urned burial

spit 4

SKULL:

Teeth: 1 2nd mandibular molar crown, 1 maxillary 2nd molar crown (Age: Crc: 6-7 years), 1 partial canine crown, 1 deciduous mandibular molar root and crown fragment. .

70 cranial vault fragments.

AXIAL SKELETON:

Rib: 3 body fragments.

1 pedicle.

AGE: 6-7 years

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 bird bone.

GRAVE GOODS: 2 small glass fragments.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentified bone fragments from the 2 mm fraction

ARC NBR 98

CONTEXT NUMBER

11085

Urned burial

Spit 5

SKULL:

Left petrous portion.

29 cranial vault fragments.

AXIAL SKELETON:

2 vertebra fragments.

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Bird bones

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentified bone fragments from the 2 mm fraction

ARC NBR 98

CONTEXT NUMBER

11093

Unurned burial

SKULL:

Mandible: 2 body fragment, lingual surfaces with 4 partial sockets (single rooted teeth).

Maxilla: 1 palate fragment, left side with 3 partial root sockets.

26 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

UPPER LIMB:

Humerus: 1 distal articulation fragment, 1 proximal shaft fragment, 4 shaft fragments

Ulna: 1 proximal shaft fragment, 1 shaft fragment.

LOWER LIMB:

Femur: 1 postero-distal shaft fragment.

Tibia: 2 anterior border fragments, 11 shaft fragments.

Fibula: 2 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY:

Considerable striated lamellar bone on all tibia fragments. Healed periostitis.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS:

No residue. The vast majority of the bone fragments were heavily abraded.

ARC NBR 98

CONTEXT NUMBER

11095

Redeposited pyre debris

SKULL:

Mandible: Anterior body, lingual portion with superior and inferior mental spines.

Teeth: 1 molar root fragment.

Zygomatic arch fragment

18 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

Thoracic: 1 superior right articular process.

Lumbar: 1 inferior left articular process.

1 pedicle

LOWER LIMB:

Femur: 1 shaft fragment with linea aspera.

Tibia: 6 anterior border fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY:

Tibia fragments have mixed lamellar and new woven bone. Active periostitis.

PYRE GOODS:

1 cranial fragment and 3 unidentified fragments with turquoise stain.

CREMATION SUMMARY:

Majority of the fragments are heavily abraded.

COMMENTS:

2 mm fraction contained a small amount of stone.

ARC NBR 98

CONTEXT NUMBER

11102

Urned burial

SKULL:

Mandible: 1 left body fragment, lingual surface with 4 tooth sockets (lateral incisor, canine and premolars), right and left condyles, right and left coronoid processes.

Teeth: 1 single root.

1 frontal bone fragment, 2 occipital bone fragments, 1 mastoid process fragment..

18 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 body fragment.

Rib: 9 body fragments.

Atlas: Right and left superior articular surface fragments.

Cervical: 1 left inferior articular process.

Thoracic: 1 left inferior articular process, 1 left superior articular process.

Lumbar: 1 left inferior articular process.

vertebral body fragments.

UPPER LIMB:

Scapula: 1 blade fragment, 1 spine fragment.

Humerus: 2 head fragments, 4 shaft fragments.

Hands: 1 phalanx shaft fragment.

LOWER LIMB:

Tibia: 3 anterior border fragments, 1 lateral border fragment, 1 superio-posterior fragment with soleus line, 4 shaft fragments.

Fibula: 6 shaft fragment.

Foot: 1 proximal end of a metatarsal, 1 metatarsal shaft.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS:

The majority of the 2 mm fraction was situated within the residue sample.

ARC NBR 98

CONTEXT NUMBER

11102

Urned burial

Spit 1

AXIAL SKELETON:

Innominate: 4 iliac crest fragments, 2 blade fragments.

Rib: 1 body fragment.

4 vertebral body fragments.

UPPER LIMB:

Clavicle: Right lateral end fragment.

Humerus: Capitulum fragment.

LOWER LIMB:

Femur: 1 condyle fragment, 5 shaft fragments.

Tibia: 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS:

The majority of the 2 mm fraction was situated within the residue sample.

ARC NBR 98

CONTEXT NUMBER

11102

Urned burial

Spit 2

SKULL:

Mandible: 1 body fragment, lingual surface, anterior portion with superior mental spine. 1 body fragment, lingual surface with partial tooth sockets for left canine and premolars. 1st left molar lost ante-mortem, 1 body fragment, anterior surface with partial tooth sockets for 2 incisors.

Maxilla: 1 body fragment with the root of 1st right premolar *in situ*. socket for canine and 2nd premolar also present.

Teeth: Maxillary root of 1st right premolar.

1 occipital fragment, endo-cranial surface, 2 sphenoid fragments.

2 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 blade fragment with arcuate line, 4 acetabulum fragments, 2 acetabulum rim fragments, 1 iliac crest fragment.

Rib: 12 body fragment, 1 head fragment, 1 fragment of a 1st rib, left 1st rib fragment..

Cervical: 3 body fragments.

Thoracic: 1 right superior articular process.

Lumbar: 1 inferior left articular process.

8 vertebral body fragments, 3 articular process fragments..

UPPER LIMB:

Humerus: 1 head fragment, 1 shaft fragment, 1 capitulum fragment.

Hands: 1 phalanx fragment, 1 metacarpal shaft fragment.

LOWER LIMB:

Femur: 1 head, 1 condyle fragment.

Tibia: 1 shaft fragment.

Foot: 1 cuneiform fragment, 2 talus fragments.
AGE: Young Adult
SEX: Unknown
PATHOLOGY SUMMARY:
Mandibular 1st left molar lost ante-mortem.
PYRE GOODS: None
CREMATION SUMMARY: All white.
COMMENTS:
The residue consisted mainly of unidentifiable bone fragments from the 2mm fraction.

ARC NBR 98

CONTEXT NUMBER

11102

Urned burial

Spit 3

SKULL:

Mandible: Left body fragment, lingual surface with partial sockets for a molar.

Maxilla: Right and left palate fragments, right palate with alveolar process and sockets for the central and lateral incisor and the canine.

Teeth: Root of maxillary 2nd premolar, 1 canine root, 2 molar root fragments, 1 single root fragment, 4 crown fragments.

7 cranial vault fragments.

AXIAL SKELETON:

Rib: 11 body fragments.

Cervical: 2 body fragments.

Thoracic: 1 left superior articular process, 2 body fragments, 1 spinous process, 1 lamina fragment, 2 right inferior articular processes.

4 vertebral body fragments, 1 articular process fragment..

UPPER LIMB:

Clavicle: Right lateral end.

Radius: Left distal end with joint surface.

LOWER LIMB:

Femur: Right patellar surface, 2 condyle fragments.

AGE: Young Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

11102

Urned burial

Spit 4

SKULL:

1 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

Thoracic: 1 body fragment, 2 right inferior articular processes, 1 right superior articular process.

4 vertebral body fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

Radius: 2 shaft fragments.

AGE: Young Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue.

ARC NBR 98

CONTEXT NUMBER

11102

Urned burial

Spit 5

AXIAL SKELETON:

Innominate: 1 blade fragment, 1 blade fragment with auricular surface fragment.

Rib: 2 body fragments.

Thoracic: Right superior articular process. 1 spinous process fragment.

UPPER LIMB:

Ulna: 2 shaft fragments.

Hands: 1 phalanx fragment.

LOWER LIMB:

Femur: Head fragment, 1 shaft fragment.

Tibia: 2 shaft fragments.

AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

11102

Urned burial

Spit 6

SKULL:

1 occipital bone fragment,
6 cranial vault fragments (sutures unfused; younger than 30).

AXIAL SKELETON:

Rib: 1 body fragment.

Thoracic: 1 body fragment, 1 left superior articular process, 1 right superior articular process..

1 vertebral body fragments.

UPPER LIMB:

Radius: Left head and shaft fragment.

LOWER LIMB:

Femur: 2 shaft fragments.

AGE: Young Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

11110

Urned burial

SKULL:

Teeth: 1maxillary 1st molar developing crown (Age: Cr3/4: 1.6-2.2 years)

64 cranial vault fragments.

AXIAL SKELETON:

Rib: 10 body fragments.

AGE: 1.5-2.5 years

SEX: Unknown

PATHOLOGY SUMMARY: None

GRAVE GOODS: 1 glass fragment.

CREMATION SUMMARY: All white.

COMMENTS: The residue contained a moderate proportion of unidentified bone fragments from the 2 mm fraction

ARC NBR 98

CONTEXT NUMBER

11122

Urned burial

Spit 1

SKULL:

4 cranial vault fragments.

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a low proportion of unidentified bone fragments from the 2 mm fraction

ARC NBR 98

CONTEXT NUMBER

11122

Urned burial

Spit 2

SKULL:

35 cranial vault fragments.

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white.

COMMENTS: The residue contained a moderate amount of unidentified bone fragments from the 2 mm fraction

ARC NBR 98

CONTEXT NUMBER

11122

Urned burial

Spit 3

SKULL:

Teeth: Developing crowns of mandibular? canines (Age: Cr3/4; 2.9-3 years), 6 crown fragments, single rooted teeth.

Right petrous portion.

74 cranial vault fragments.

AXIAL SKELETON:

Rib: 8 body fragments.

Thoracic: 1 right superior articular process with pedicle (Fused; Age: over 1 year.)

2 pedicles.

AGE: 2-3 years

SEX: Unknown

PATHOLOGY SUMMARY: Few cranial fragments with moderate porosity.

PYRE GOODS: 1 tooth fragment, pig?

CREMATION SUMMARY: All white.

COMMENTS: The residue contained a high proportion of unidentified bone fragments from the 2 mm fraction

ARC NBR 98

CONTEXT NUMBER

11169

Unurned burial

SKULL:

Teeth: 3 crown fragments.

81 cranial vault fragments.

AXIAL SKELETON:

Rib: 6 body fragments.

2 pedicles and 1 inferior articular surface..

LOWER LIMB:

Femur: Right proximal femur, 1 shaft fragment.

AGE: Femur unfused; subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS:

2 Iron nails?

Iron staining on 2 cranial fragments and 2 rib fragments.

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

11176

Redeposited cremated remains

UPPER LIMB:

Ulna: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 turquoise stain.

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11177

Redeposited cremated remains

SKULL:

Mandible: Left body fragment, lingual surface with partial tooth sockets from both premolars and the 1st molar.

Teeth: 1 right maxillary molar root and crown fragment, 1 mandibular molar root fragment, 1 3rd molar root, 1 mandibular 1st premolar crown and root fragment, 2 single roots, 2 molar root fragment, 7 single root fragment, 6 crown fragments.

1 zygomatic arch fragment, 1 incus.

67 cranial vault fragments.

AXIAL SKELETON:

Rib: 22 body fragments.

Cervical: 1 body fragment.

1 vertebral body fragments, 4 inferior articular process fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

Ulna: 2 left proximal shaft fragments.

Hands: 1 metacarpal shaft fragment, 3 phalanx heads and shafts, 1 proximal phalanx fragment, 3 distal phalanges fragments.

LOWER LIMB:

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY:

Moderate porosity on cranial fragments.

PYRE GOODS:

Iron stain on a cranial fragment, 1 single root and a rib body fragment. Animal bones present belonging to bird and mammal.

CREMATION SUMMARY: All white

COMMENTS:

Large amount of residue containing small amount of bones from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11181

Pyre site

SKULL:

Teeth: mandibular central incisor crown, unerupted, maxillary 1st? (Age: 1-5 years) molar fragment 1 developing permanent mandibular incisor crown fragment, 9 crown fragments.

72 cranial vault fragments.

AGE: 1-5 years

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Turquoise staining on a long bone fragment. 1 glass fragment.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11183

Pyre site

SKULL:

Mastoid fragment, 1 right petrous portion fragment, 1 occipital bone fragment

78 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

1 vertebral pedicle.

AGE: 1-5 years

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS:

Iron stain on 3 unidentified bone fragments and a cranial fragment.

CREMATION SUMMARY: All white.

COMMENTS: The residue contained a high proportion of unidentified bone fragments from the 2 mm fraction

ARC NBR 98

CONTEXT NUMBER

11199

Redeposited cremated remains

SKULL:

4 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained very few unidentified bone fragments.

ARC NBR 98

CONTEXT NUMBER

11203

Unurned burial

SKULL:

Mandible: 1 body fragment with superior mental spine.

Maxilla: 1 left body fragment with 1 single root socket.

Teeth: 1 single tooth root fragment.

Right petrous portion, 1 mastoid fragment, 1 posterior zygomatic arch fragment (Sex: Female??), 1 left orbital rim with frontal bone fragment (Sex: Female), left orbital rim fragment (Sex: Female), right zygomatic arch fragment, 2 temporal squamous part fragments, 1 mastoid fragment, right external acoustic meatus fragment.

89 cranial vault fragments.

AXIAL SKELETON:

Rib: 7 body fragment.

Cervical: 1 body fragment.

2 vertebral body fragments.

UPPER LIMB:

Humerus: 2 shaft fragments.

Ulna: 1 right antero-proximal shaft fragment, 2 shaft fragments.

LOWER LIMB:

Femur: 2 shaft fragments, 1 condyle fragment, 3 linea aspera fragments.

Tibia: 3 anterior border fragments.

Fibula: 7 shaft fragments.
Foot: 1 metatarsal shaft fragment.
AGE: Adult
SEX: Female?
PATHOLOGY SUMMARY: Orbital roofs: capillary impressions (Type 1). Lesions are healed. Cribra orbitalia.
PYRE GOODS: 5 cranial fragments with turquoise stains.
CREMATION SUMMARY: All white
COMMENTS: The residue consisted of mainly unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11208

Urned burial

SKULL:

Left petrous portion, left mandibular fossa

5 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 auricular surface fragment, superior demi-face (Sex: Male, Age: 45-55), 4 acetabulum fragments, 1 greater sciatic notch fragment (Sex: Male), 2 anterior inferior iliac spine fragments, 4 iliac blade fragments.

Rib: 6 body fragments.

Atlas: 1 superior articular surface fragment, dens facet.

Axis: Dens, superior articular surface and body fragment, 1 inferior articular process, 1 pedicle.

Cervical: 1 body with superior and inferior articular processes, 1 body, 1 right inferior articular process, 1 body fragment.

Thoracic: 2 body with pedicle fragments, 3 right superior articular processes, 2 right inferior articular processes, 2 spinous process fragments.

Lumbar: 1 right inferior articular process and lamina fragment, 1 superior right articular process, 1 left inferior articular process, 1 pedicle.

Sacrum: 1st sacral element fragment.

18 vertebral body fragments, 2 pedicles, 3 articular process fragments, 8 vertebra fragments.

UPPER LIMB:

Scapula: 1 right lateral end, 1 medial end fragment.

Humerus: 1 head fragment, 2 shaft fragments.

Ulna: 1 shaft fragment.

LOWER LIMB:

Femur: 2 superio-anterior shaft fragments, 3 superio-posterior shaft fragments, 10 shaft fragments, 5 postero-distal shaft fragment, 3 condyle fragments.

Tibia: 2 condyle fragments, 1 shaft fragment, 2 shaft fragments with anterior border.

Fibula: 1 shaft fragment.

Foot: 1 metatarsal shaft fragment.

AGE: 45-55 years

SEX: Male

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11216

Redeposited cremated remains

Spit 1

SKULL:

2 cranial vault fragments.

LOWER LIMB:

Femur: 2 linea aspera fragments, 1 postero-proximal fragment.

Tibia: 3 anterior border fragments, 1 lateral border fragment, 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11216

Redeposited cremated remains

Spit 2

SKULL:

1 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 blade fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11220

Unurned burial

Spit 1

SKULL:

28 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

Cervical: 1 body fragment.

Thoracic: 1 left inferior articular process fragment, 1 superior right articular process.

LOWER LIMB:

Femur: 1 linea aspera fragment.

Fibula: 1 shaft fragment.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11220

Unurned burial

Spit 2

SKULL:

Mandible: 1 right body fragment, buccal side with partial sockets for the 2nd molar, 1st molar lost ante-mortem.

Teeth: 1 single root (crown completely worn away through attrition), right 1st mandibular molar root.

17 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Ante-mortem tooth loss of right 1st mandibular molar.

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11224

Cremation-related deposit

SKULL:

8 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11225

Cremation-related deposit

SKULL:

8 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11234

Urned burial

Spit 1

SKULL:

Mandible: 1 body fragment with partial tooth socket.

Maxilla: Right fragment, anterior portion with alveolar process, palate fragment, anterior nasal aperture and tooth sockets for the right incisors and canine.

Teeth: 1 molar root fragment.

190 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 acetabulum fragment, 1 iliac blade fragment.

Rib: 9 body fragments.

Cervical: 1 left superior and inferior articular process fragment, 1 body fragment, 1 left inferior articular process, 1 right inferior articular process.

Thoracic: 1 body and transverse process fragment, 1 transverse process fragment, 2 right superior articular processes, 2 left superior articular processes.

Lumbar: 1 right superior articular process, 1 left superior articular process.

25 vertebral body fragments, 2 pedicles.

LOWER LIMB:

Femur: 2 shaft fragments with linea aspera, 1 shaft fragment.

Tibia: 1 anterior border fragment, 1 shaft fragment.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white but slightly abraded and chalky.

COMMENTS: The residue contained a very high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11234

Urned burial

Spit 2

SKULL:

Left supra-orbital rim and zygomatic process fragment (Sex: Male), 1 left supra-orbital rim fragment (Non-metric trait: Frontal foramen present), right frontal process of the zygomatic bone.

27 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

UPPER LIMB:

Clavicle: Left lateral end fragment.

Humerus: 2 shaft fragments.

LOWER LIMB:

Femur: 1 left antero-proximal shaft fragment, 2 shaft fragments with linea aspera, 2 shaft fragments, 2 postero-distal shaft fragments.

Tibia: 4 shaft fragments with anterior border.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11240

Redeposited cremated remains

SKULL:

Teeth: 1 root fragment

3 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

11243

Unurned burial

Spit A

SKULL:

1 frontal bone fragment, 1 right petrous portion fragment, 1 temporal bone fragment.

95 cranial vault fragments.

AXIAL SKELETON:

Rib: 6 body fragments

Atlas: 1 superior articular surface fragment.

1 vertebral body fragment, 4 pedicles.

UPPER LIMB:

Scapula: 1 unfused acromion (Age: <16).

Humerus: 1 capitulum fragment.

Radius: 1 unfused head fragment (Age: <17)

Hands: 1 proximal end of a proximal phalanx fragment (Age: Fused 13-19)

LOWER LIMB:

Femur: 3 shaft fragments, 1 unfused head fragment (Age: 13-18).

Fibula: 1 shaft fragment.

AGE: 13-19

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 17 unidentifiable long bone fragments with iron staining, 1 rib body fragment with iron staining. 1 long bone fragment with turquoise stain.

CREMATION SUMMARY: All white

COMMENTS: The residue contained mainly unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11243

Unurned burial

Spit A/B

SKULL:

Teeth: 1 permanent single tooth root

Left maxillary process of the zygomatic.

22 cranial vault fragments.

UPPER LIMB:

Radius: Left distal unfused joint surface (Age: <17)

AGE: Younger than 17.

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11254

Urned burial

Spit 1

SKULL:

7 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 auricular surface fragment (Sex: Female. Age: 20-30)

Rib: 1 body fragment.

AGE: 20-30

SEX: Female

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

11254

Urned burial

Spit 2

SKULL:

11 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

1 vertebral body fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11254

Urned burial

Spit 3

SKULL:

Teeth: 1 root fragment.

6 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction

ARC NBR 98

CONTEXT NUMBER

11254

Urned burial

Spit 4

SKULL:

8 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11258

Redeposited cremated remains

Spit 1

SKULL:

Superior margin of the acoustic meatus, left temporal bone.

UPPER LIMB:

Humerus: 2 left antero-distal shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11258

Redeposited cremated remains

Spit 3

SKULL:

5 cranial vault fragments.

AXIAL SKELETON:

Thoracic: 1 left superior articular process.

UPPER LIMB:

Scapula: Lateral border fragment.

Humerus: 2 shaft fragments.

Ulna: 2 shaft fragments.

LOWER LIMB:

Tibia: 1 lateral border fragment, 2 anterior border fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11258

Redeposited cremated remains

Spit 4

SKULL:

Teeth: Right maxillary 1st molar crown and root (Age: 48+ years)

Left maxillary frontal process

6 cranial vault fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

LOWER LIMB:

Femur: 2 linea aspera fragments, 1 condyle fragment.

Tibia: 4 anterior border fragments, 2 shaft fragments.

AGE: Over 48 years.

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11264

Unurned burial

SW area

SKULL:

Maxilla: 1 palate and alveolar fragment.

6 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

Cervical: 1 body fragment.

Thoracic: 1 body fragment.

1 vertebral body fragments.

UPPER LIMB:

Humerus: 2 shaft fragments.

LOWER LIMB:

Femur: 1 condyle fragment, 1 shaft fragment, 1 shaft fragment with linea aspera, 1 postero-distal shaft fragment.

Tibia: 1 shaft fragment.

Fibula: 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Striated lamellar bone on the tibia shaft fragment. Healed periostitis.

PYRE GOODS: None

CREMATION SUMMARY: 1 piece of burnt flint (4 g). All white

ARC NBR 98

CONTEXT NUMBER

11264

Unurned burial

NE area

SKULL:

Mandible: 1 body fragment, anterior portion with 2 single root sockets and 2 partial sockets.

Right and left temporal bone fragments with posterior zygomatic arch (Sex: Male), 1 parietal bone fragment.

15 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 acetabulum fragment.

Thoracic: 1 body fragment, 1 left superior articular process.

3 vertebral body fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

LOWER LIMB:

Femur: 6 shaft fragments.

Tibia: 3 shaft fragments with anterior border, 5 shaft fragments.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Male

PATHOLOGY SUMMARY: Striated lamellar bone on 5 Tibial shaft fragments. Healed periostitis.

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11269

Cremation-related deposit

Spit 1

SKULL:

Teeth: 1 root fragment.

3 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentified bone fragments.

ARC NBR 98

CONTEXT NUMBER

11269

Cremation related-deposit

Spit 2

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

11274

Redeposited cremated remains

SKULL:

13 cranial vault fragments.

AXIAL SKELETON:

Innominate: Right inferior part of the pubis and a fragment of the sub-pubic ramus (Sex: Female, Age: Stage VI: 42-87, phase 10; 50 +)

UPPER LIMB:

Humerus: 2 shaft fragments.

LOWER LIMB:

Femur: 1 shaft fragment with linea aspera.

AGE: Over 50

SEX: Female

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 glass fragment within the residue.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11275

Urned burial

Spit 1

SKULL:

Mandible: 1 body fragment, lingual surface with 1 partial tooth socket.

1 petrous portion fragment.

3 cranial vault fragments.

AXIAL SKELETON:

Thoracic: 1 superior right articular process.

UPPER LIMB:

Radius: 2 shaft fragments.

LOWER LIMB:

Femur: 4 shaft fragments with linea aspera, 4 shaft fragments, 3 linea aspera fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11275

Urned burial

Spit 2

SKULL:

36 cranial vault fragments.

AXIAL SKELETON:

Rib: 17 body fragments.

Thoracic: 1 right superior articular process and pedicle fragment, 1 lamina fragment, 1 right superior articular process, 1 left superior articular process.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE/GRAVE GOODS: 1 very small glass fragment within the residue.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11275

Urned burial

Spit 3

SKULL:

Mandible: Left condyle, 1 ramus fragment.

Teeth: 1 root fragment.

3 occipital fragments.

28 cranial vault fragments.

AXIAL SKELETON:

Rib: 4 body fragments.

Cervical: 1 transverse process fragment.

Thoracic: 1 right superior articular process.

2 vertebral body fragments.

LOWER LIMB:

Fibula: 4 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11275

Urned burial

Spit 4

SKULL:

1 zygomatic bone fragment, 1 orbital roof.

15 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac blade fragment, 1 acetabulum fragment.

Rib: 3 body fragments.

Thoracic: Left superior articular process..

UPPER LIMB:

Clavicle: Left lateral end fragment.

Humerus: 1 postero-distal shaft fragment, 3 shaft fragment.

Ulna: 1 proximal shaft fragment with radial articulation surface, 1 shaft fragment.

Hands: 1 phalanx shaft.

AGE:

SEX:

PATHOLOGY SUMMARY: Orbital roof:, type 4 cribra orbitalia (foramina has linked into a trabecular structure). Lesions are active.

PYRE GOODS: None

CREMATION SUMMARY:

COMMENTS: The residue contained a very high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11275

Urned burial

Spit 5

SKULL:

4 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 greater sciatic notch fragment (sex: Female), 1 iliac blade fragment with arcuate line, 2 iliac blade fragments, 2 acetabulum fragments.

Rib: 2 body fragments.

Thoracic: 1 lamina fragment,.

LOWER LIMB:

Femur: 1 head fragment, 3 shaft fragments.

Tibia: 1 shaft fragment.

AGE: Adult

SEX: Female

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11275

Urned burial

Spit 6

AXIAL SKELETON:

Innominate: 4 iliac blade fragments, 1 acetabulum fragment, 1 iliac crest fragment..

Rib: 1 body fragment.

1 vertebral body fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11280

Unurned burial

SKULL:

52 cranial vault fragments.

AXIAL SKELETON:

Cervical: 1 inferior and superior articular process fragment.

Thoracic: 1 left inferior articular process, 1 right superior articular process,

1 vertebral body fragments.

UPPER LIMB:

Scapula: 1 glenoid fossa fragment.

Humerus: 2 shaft fragments.

Radius: 1 shaft fragment.

LOWER LIMB:

Femur: 3 line aspera fragments, 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11284

Urned burial

Spit 1

SKULL:

Teeth: 1 maxillary third molar root and crown fragment, 1 root fragment.

8 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11284

Urned burial

Spit 2

SKULL:

9 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

Lumbar: 1 left superior articular process.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11284

Urned burial

Spit 3

SKULL:

2 cranial vault fragments.

AXIAL SKELETON:

Cervical: Right superior process and lamina fragment.

1 vertebral body fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

Hands: 1 metacarpal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11284

Urned burial
Spit 4
AXIAL SKELETON:
Thoracic: 1 inferior articular process fragment, 1 right superior articular process.
Lumbar: 1 pedicle.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a very high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11284

Urned burial
Spit 5
SKULL:
Teeth: 1 molar root fragment, 1 root fragment.
11 cranial vault fragments.
UPPER LIMB:
Humerus: 3 shaft fragments.
Ulna: 2 shaft fragments.
Radius: 2 shaft fragments.
Hands:
LOWER LIMB:
Femur: 2 postero-proximal shaft fragments, 1 shaft fragment with linea aspera, 3 shaft fragments, 2 linea aspera fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11284

Urned burial
Spit 6
SKULL:
Teeth: 2 molar root fragments, 3 crown fragments.
2 cranial vault fragments.
AXIAL SKELETON:
Thoracic: 1 right superior articular process.
LOWER LIMB:
Patella: 1 articular surface fragment.
Femur: 1 postero-distal shaft fragment.
Tibia: 1 condyle fragment, 1 anterior border fragment, 2 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11284

Urned burial
Spit 7
SKULL:
Teeth: 1 maxillary 2nd premolar root fragment, 1 single root fragment.
AXIAL SKELETON:
Atlas: 1 inferior articular surface fragment.
Cervical: 1 left inferior articular process.
1 pedicle.
UPPER LIMB:
Hands: Right lunate.
LOWER LIMB:
Femur: 1 shaft fragment with linea aspera.
Foot: 1 tarsal fragment, 1 metatarsal shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11289

Urned burial

Spit 1

SKULL:

20 cranial vault fragments.

AGE: Subadult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11289

Urned burial

Spit 2

SKULL:

3 occipital fragments, 1 right petrous portion fragment.

140 cranial vault fragments.

AXIAL SKELETON:

Rib: 3 body fragment.

4 pedicles.

LOWER LIMB:

Tibia: 1 right postero-proximal shaft fragment with nutrient foramen.

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 2 pieces of fuel ash slag (<1 g). All bone fragments were white.

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11289

Urned burial

Spit 3

SKULL:

39 cranial vault fragments.

AXIAL SKELETON:

2 pedicles, 1 lamina fragment.

UPPER LIMB:

Hands: 1 phalanx.

AGE: Subadult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11292

Cremation-related deposit

SKULL:

Mandible: 1 body fragment.

1 frontal bone fragment.

18 cranial vault fragments.

AXIAL SKELETON:

Rib: 3 body fragments.

2 pedicles.

UPPER LIMB:

Hands: 1 phalanx fragment.

LOWER LIMB:

Tibia: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentified bone fragments.

ARC NBR 98

CONTEXT NUMBER

11293

Cremation-related deposit

SKULL:

14 cranial vault fragments.

AXIAL SKELETON:

Rib: 3 body fragments.

Cervical: 1 pedicle fragment.

UPPER LIMB:

Humerus: 1 shaft fragment.

Ulna: Right antero-proximal shaft fragment, 2 shaft fragments.

Radius: 1 shaft fragment.

Hands: 1 phalanx shaft fragment

LOWER LIMB:

Femur: 2 shaft fragments.

Tibia: 1 anterior border fragment.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11299

Urned burial

SKULL:

Mandible: 1 body fragment, lingual surface with partial sockets.

Teeth: 1 single tooth root fragment, 2 molar root fragment, 1 root fragment.

Left mastoid, posterior zygomatic arch and superior margin of the external acoustic meatus (Sex: Male), left orbital rim and frontal fragment (Sex: Male), right zygomatic arch, 1 frontal bone fragment, left frontal process of the zygomatic bone, 1 mandibular fossa fragment.

40 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 blade fragments.

Rib: 7 body fragments.

Atlas: Dens facet.

Cervical: 1 body, 2 body fragments, 2 inferior articular processes..

Thoracic: 1 spinal process fragment, 2 left superior articular processes, 2 right superior articular processes.

Lumbar: 1 right inferior articular process, 2 inferior articular processes, 1 superior articular process.

12 vertebral body fragments, 5 pedicle, 12 vertebra fragments.

UPPER LIMB:

Scapula: 1 glenoid fossa fragment, 1 blade fragment.

Humerus: 1 deltoid tuberosity, 2 shaft fragments, 1 trochlea fragment..

Ulna: 1 shaft fragment.

Radius: 2 shaft fragments.

LOWER LIMB:

Femur: 2 condyle fragments, 10 shaft fragments.

Tibia: 5 anterior border fragments, 1 condyle fragment.

Fibula: 5 shaft fragment.

AGE: Adult

SEX: Male

PATHOLOGY SUMMARY: 1 vertebral body fragment with slight lipping and moderate pitting of the joint surface. Moderate degenerative spinal joint disease.

PYRE GOODS: None

CREMATION SUMMARY: 1 piece of burnt flint (1 g).

ARC NBR 98

CONTEXT NUMBER

11310

Redeposited cremated remains

SKULL:

8 cranial vault fragments.

AGE: 0-18 years

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

11311

Unurned burial

SKULL:

Teeth: 1 molar root fragment, 1 single root fragment, 1 crown fragment.

2 occipital bone fragments, 1 temporal bone fragment, 1 orbital roof fragment.

80 cranial vault fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Orbital roof fragment: large and small isolated foramina (Type 3), active cribra orbitalia.

PYRE GOODS: 2 animal bone fragments, 4 iron nail? fragments.

1 unidentified bone fragment and 2 cranial vault fragments with iron staining, 1 unidentified bone fragment and 1 cranial vault fragment with turquoise staining.

CREMATION SUMMARY: All white, slightly chalky and abraded.

COMMENTS: The residue contained a very high amount of unidentifiable bone fragments from the 2 mm fraction. The majority of the 2 mm fraction was within the residue.

ARC NBR 98

CONTEXT NUMBER

11315

Urned burial

Spit 1

SKULL:

22 cranial vault fragments.

UPPER LIMB:

Ulna: 2 shaft fragments.

Radius: 1 shaft fragment.

LOWER LIMB:

Femur: 2 shaft fragments with linea aspera, 1 linea aspera fragment.

Tibia: 2 anterior border fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11315

Urned burial

Spit 2

SKULL:

Maxilla: 1 alveolar margin with palate process fragment, left side.

Right petrous portion, 1 occipital bone fragment.

25 cranial vault fragments.

AXIAL SKELETON:

Rib: 4 body fragments.

Cervical: 1 body fragment.

2 vertebral body fragments.

UPPER LIMB:

Scapula: Left coracoid process, 1 lateral border fragment.

Ulna: 1 shaft fragment.

LOWER LIMB:

Femur: 4 shaft fragment with linea aspera. 2 shaft fragments.

Tibia: 5 anterior border fragments, 1 shaft fragment.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Cervical body: Moderate pitting and lipping. Moderate spinal degenerative joint disease.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11315

Urned burial

Spit 3

SKULL:

1 temporal bone fragment with posterior zygomatic arch (Sex: Male), left zygomatic arch fragment.

14 cranial vault fragments.

AXIAL SKELETON:

Rib: 10 body fragments.
 2 vertebral body fragments
 UPPER LIMB:
 Radius: 1 shaft fragment.
 LOWER LIMB:
 Femur: 2 shaft fragments, 2 shaft fragments with linea aspera.
 Tibia: 1 anterior border fragment. 1 shaft fragment with lateral border.
 Fibula: 1 shaft fragment.
 AGE: Adult
 SEX: Male??
 PATHOLOGY SUMMARY: None
 PYRE GOODS: None
 CREMATION SUMMARY: All white
 COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11322

Redeposited pyre debris

SKULL:

Teeth: 2 molar? crown and root fragments, 1 crown fragment.

1 temporal bone fragment, squamus part.

12 cranial vault fragments.

AXIAL SKELETON:

Rib: 3 body fragments.

Cervical: 1 fragment.

2 articular process fragments.

UPPER LIMB:

Humerus: 1 capitulum fragment.

Hands: 1 metacarpal shaft fragment, 1 distal end of a phalanx fragment, 1 distal phalanx fragment.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 unidentified fragment with iron staining.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11322

Redeposited pyre debris

Spit 1

SKULL:

1 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11322, sub-group 11320

Spit 2

SKULL:

Teeth: 1 single tooth root, 1 crown fragment, 1 mandibular incisor root.

9 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

2 vertebral body fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11323

Unurned burial

Group A

SKULL:

1 cranial vault fragments.

AXIAL SKELETON:
Atlas: 1 superior and inferior articular process fragment.
UPPER LIMB:
Radius: 4 shaft fragments.
LOWER LIMB:
Tibia: 1 anterior border fragment, 2 shaft fragments.
AGE: Adult?
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11323

Unurned burial
Group B
SKULL:
1 left zygomatic arch fragment.
18 cranial vault fragments.
AXIAL SKELETON:
Rib: 1 body fragment.
AGE: Adult?
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11323

Unurned burial
Group C
SKULL:
4 cranial vault fragments.
UPPER LIMB:
Ulna: 1 shaft fragment.
Radius: 1 shaft fragment.
LOWER LIMB:
Tibia: 1 anterior border fragment.
AGE: Adult?
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11323

Unurned burial
Group D
SKULL:
Mandible: 1 neck fragment.
Maxilla: 2 body fragments, 1 left alveolar margin fragment with tooth socket for the 2nd and 3rd molar and 1 alveolar margin fragment with 2 single root sockets, right frontal process.
Teeth: 4 partial molar roots, 1 single tooth root fragment, 2 incisor roots, 1 crown fragment.
3 occipital bone fragments., right petrous portion fragment.
15 cranial vault fragments.
AXIAL SKELETON:
Rib: 1 body fragment.
UPPER LIMB:
Ulna: 1 shaft fragment, left olecranon process.
Radius: 1 shaft fragment.
LOWER LIMB:
Femur: 2 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11323

Unurned burialf

Group E
SKULL:
24 cranial vault fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11342

Cremation-related deposit

SKULL:

Left mastoid (Sex: Male), left mandibular fossa fragment, 1 superior margin of the external auditory meatus, 1 orbital roof fragment, right petrous portion fragment.

13 cranial vault fragments.

AXIAL SKELETON:

Innominate:

Rib: 3 body fragments.

Cervical: 2 body fragments.

Thoracic: 1 left inferior articular process fragment..

UPPER LIMB:

Humerus: 1 antero-distal shaft fragment, 2 shaft fragments.

Ulna: 1 antero-proximal shaft fragment, 3 shaft fragments.

LOWER LIMB:

Tibia: 1 anterior border fragment.

AGE: Adult

SEX: Male??

PATHOLOGY SUMMARY: Orbital roof: Scattered fine foramina (Type 2), healed cribra orbitalia.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11347

Urned burial

SKULL:

Mandible: 1 ramus fragment.

1 zygomatic arch fragment, 1 temporal bone fragment,

53 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 acetabulum fragments, 1 small auricular surface fragment (Age: 40-50, Sex: unknown), 2 blade fragments.

Rib: 5 body fragments.

Thoracic: 2 body fragments, 1 right superior articular process.

10 vertebral body fragments.

UPPER LIMB:

Scapula: 1 glenoid fossa fragment.

Humerus: 2 anterior-distal shaft fragments, 1 capitulum fragment, 2 shaft fragments, 1 proximal shaft fragment.

Ulna: 4 shaft fragments.

Radius: 2 shaft fragments, 1 head fragment.

LOWER LIMB:

Femur: 11 shaft fragments with linea aspera, 15 shaft fragments.

Tibia: 1 anterior border fragment, 2 shaft fragment.

Fibula: 9 shaft fragments, 1 proximal end fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 4 fragments with turquoise stain.

CREMATION SUMMARY: Mainly white, a few unidentified black bone fragments.

COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11355

Redeposited cremated remains

SKULL:

1 cranial vault fragments.

LOWER LIMB:

Femur: 2 shaft fragments with linea aspera.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: A femur shaft fragment refitted with a fragment from Spit 1, context 11357. This is therefore the same individual since the cut number is also the same.

The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11357

Unurned burial

Spit 1

SKULL:

18 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

LOWER LIMB:

Femur: 2 shaft fragments, 2 shaft fragments with linea aspera.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: A femur shaft fragment refitted with a fragment from context 11355. This is therefore the same individual since the cut number is also the same.

ARC NBR 98

CONTEXT NUMBER

11357

Unurned burial

Spit 2

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The spit contained a very small amount of bone which were all unidentifiable. The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11364

Urned burial

Spit 1

SKULL:

1 cranial vault fragment.

AGE: Unknown

SEX: Unknown

PYRE GOODS: None

CREMATION SUMMARY: All fragments were white.

COMMENTS: The spit contained a very small amount of unidentifiable bone fragments. The residue also contained a very small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11364

Urned burial

Spit 2

SKULL:

1 cranial vault fragments.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11364

Urned burial

Spit 3

SKULL:

13 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None
CREMATION SUMMARY: All bone fragments were white.
4 burnt flint fragments (1 g).
COMMENTS: The residue contained a moderate amount of unidentified bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11364

Urned burial

Spit 4

SKULL:

47 cranial vault fragments.

LOWER LIMB:

Tibia: 1 anterior border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11364

Urned burial

Spit 5

SKULL:

63 cranial vault fragments.

LOWER LIMB:

Tibia: 1 tuberosity fragment, 2 anterior border fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11367

Unurned burial

SKULL:

Superior margin of the right external acoustic meatus.

12 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

Thoracic: 1 superior right articular process and pedicle.

Sacrum: Right ala fragment, 1 blade fragment with arcuate line, right inferior half of the pubic symphyses (Sex: male, Age: Stage VI: 49-73 years, phase 10: 50+)

vertebral body fragments.

UPPER LIMB:

Humerus: 1 head fragment, 2 left shaft fragments, 1 proximal shaft fragment, 2 distal shaft fragments, 8 shaft fragments.

Ulna: Right antero-proximal shaft fragment.

Radius: 2 shaft fragments.

LOWER LIMB:

Femur: 2 postero-distal shaft fragments, 4 shaft fragments with linea aspera, 1 proximal shaft fragment, 12 shaft fragments.

Tibia: 3 anterior border fragments, 1 medial side fragment, 2 medial border fragments, 5 shaft fragments.

Fibula: 5 shaft fragments, 1 malleolus fragment.

Foot: 1 talus fragment, 1 calcaneus fragment, 1 distal end of a metatarsal..

AGE: >50

SEX: Male

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11371

Unurned burial

SKULL:

1 sphenoid fragment.

LOWER LIMB:

Foot: 1 talus fragment, 1 navicular fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained very small amount of bone fragments.

ARC NBR 98

CONTEXT NUMBER

11374

Unurned burial

Spit 1

SKULL:

Mandible: Left neck and condyle, 3 ramus fragments, 1 body fragment, anterior portion, lingual surface with inferior and superior mental spines, 1 body fragment, lingual surface with 2 partial sockets.

Left mastoid (Sex: Female??), 1 temporal bone fragment.

52 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac crest fragment, 1 inferior pubic ramus fragment, 2 blade fragments.

Rib: 17 body fragments.

Atlas: 1 superior and inferior articular surface fragment.

Thoracic: 4 left superior articular process fragments, 1 right superior articular process, 1 inferior articular process fragment.

Lumbar: 1 left superior articular process fragment, 1 inferior articular process fragment, 1 superior articular process fragment.

1 vertebral body fragments, 4 pedicles, 9 articular processes..

UPPER LIMB:

Humerus: 4 shaft fragments.

Ulna: 5 shaft fragments.

Radius: 1 head fragment, 3 shaft fragments.

Hands: 1 distal end of a phalanx, left scaphoid, 1 metacarpal head, 2 metacarpal head fragments.

LOWER LIMB:

Patella: 1 articular surface fragment.

Femur: 4 shaft fragments, 2 head fragments, 1 greater trochanter fragment.

Tibia: 5 anterior border fragments, 4 shaft fragments, 1 condyle fragment.

Fibula: 7 shaft fragments.

Foot: 1 talus fragment.

AGE: Adult

SEX: Female??

PATHOLOGY SUMMARY: 2 tibia shaft fragments with striated lamellar bone. Healed periostitis.

PYRE GOODS: 1 small glass fragment.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11374

Unurned burial

Spit 2

SKULL:

Mandible: Right condyle fragment.

Left superior margin of the external acoustic meatus.

33 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 iliac crest fragment.

Rib: 1 body fragment.

Thoracic: 1 left superior articular process.

Lumbar: 1 right superior articular process, 1 inferior articular process fragment.

UPPER LIMB:

Humerus: 2 shaft fragments.

Ulna: 1 shaft fragment.

Hands: 2 carpal fragments, 1 scaphoid fragment.

LOWER LIMB:

Femur: 3 shaft fragments.

Tibia: 3 shaft fragments with anterior border, 5 shaft fragments, 3 shaft fragments with lateral border, 1 proximal shaft fragment.

Fibula: 3 shaft fragments.

Foot: 1 metatarsal fragment, 1 metatarsal shaft, 1 metatarsal head, 1 metatarsal head fragment., 1 proximal phalanx, 1 distal end of a proximal phalanx.

AGE: Unknown

SEX: Adult

PATHOLOGY SUMMARY: 9 cranial vault fragments; slight porosity.

PYRE GOODS: 8 animal bone fragments.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11380

Cremation-related deposit

SKULL:
2 cranial vault fragments.
AGE: Unknown
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The

ARC NBR 98

CONTEXT NUMBER

11398

Redeposited cremated remains

Spit 1

SKULL:

1 frontal process fragment of the zygomatic bone.

4 cranial vault fragments.

AXIAL SKELETON:

Innominate:

Rib: 1 body fragment.

LOWER LIMB:

Femur: 2 shaft fragments.

Tibia: 3 anterior border fragments, 1 shaft fragment.

Foot: 1 metatarsal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11398

Redeposited cremated remains

Spit 2

AXIAL SKELETON:

Rib: 1 body fragment.

UPPER LIMB:

Humerus: 1 antero-distal shaft fragment.

Hands: 1 metacarpal head.

LOWER LIMB:

Tibia: 1 anterior border fragment, 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11398

Redeposited cremated remains

Spit 3

SKULL:

1 mastoid fragment.

3 cranial vault fragments.

UPPER LIMB:

Scapula: 1 spine fragment.

LOWER LIMB:

Tibia: 1 condyle fragment, 1 shaft fragment, 1 anterior border fragment.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11398

Redeposited cremated remains

Spit 4

LOWER LIMB:

Femur: 1 condyle fragment, 1 postero-distal shaft fragment with linea aspera.

Tibia: 1 shaft fragment.

AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11398

Redeposited cremated remains

Spit 5

AXIAL SKELETON:

Atlas: dens facet.

Lumbar: 1 right inferior articular process.

LOWER LIMB:

Femur: 1 shaft fragment, 1 condyle fragment.

Tibia: 1 anterior border fragment, 3 shaft fragments.

Foot: 1 metatarsal shaft fragment, 1 talus fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11398

Redeposited cremated remains

Spit 6

SKULL:

Mandible: 1 ramus fragment.

3 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 greater sciatic notch fragment (Sex: Unknown), 4 blade fragments.

Rib: 3 body fragments.

UPPER LIMB:

Radius: 1 shaft fragment.

LOWER LIMB:

Femur: 19 shaft fragments.

Tibia: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11399

Redeposited cremated remains

SKULL:

Mandible: 1 body fragment, lingual surface with 2 partial tooth sockets.

Maxilla: Left frontal process fragment.

1 mastoid fragment, 1 superior orbital rim fragment.

80 cranial vault fragments.

LOWER LIMB:

Femur: 2 shaft fragments.

Tibia: 2 shaft fragments.

Fibula: 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained mainly unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11410

Unurned burial

Spit 1

SKULL:

Mandible: 1 body fragment, 1 condyle fragment.

1 frontal bone fragment, 1 right supra-orbital rim (Sex: unknown)

9 cranial vault fragments.
AXIAL SKELETON:
Innominate: 2 blade fragments.
Rib: 4 body fragments.
Thoracic: 1 left superior articular process.
2 inferior and 1 superior articular process fragments.
UPPER LIMB:
Humerus: 1 antero-distal shaft fragment.
LOWER LIMB:
Femur: 1 shaft fragment with linea aspera.
Fibula: 3 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: 2 cranial vault fragments with turquoise stains, 1 femoral shaft fragment with turquoise stain.
Mandibular condyle fragment iron stained.
CREMATION SUMMARY: All white
COMMENTS: The residue contained a high amount of unidentifiable fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11410

Unurned burial

Spit 2

SKULL:

Mandible: Left ramus fragment, right coronoid process.

Right mastoid fragment, left frontal process of the zygomatic bone, right zygomatic arch.

64 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 auricular surface fragment (Sex: Male, Age: 40-44), 1 arcuate line fragment, 4 blade fragments, 1 acetabulum fragment.

Rib: 21 body fragments.

Cervical: 1 body fragment.

Thoracic: 1 left inferior and superior articular processes with lamina fragment, 3 right superior articular processes, 4 left superior articular processes, 1 spinal process fragment, 1 right inferior articular process fragment.

Lumbar: 1 body fragment, 1 right inferior articular process fragment, 1 spinous process.

5 vertebral body fragments.

UPPER LIMB:

Humerus: Right and left deltoid tuberosities, 5 shaft fragments.

Ulna: 2 shaft fragments.

Radius: 5 shaft fragment.

Hands: 1 carpal fragment, 1 distal phalanx.

LOWER LIMB:

Femur: 12 shaft fragments, 2 shaft fragments with linea aspera.

Tibia: 7 anterior border fragments, 2 shaft fragments with anterior border, 2 shaft fragments with lateral border, 2 shaft fragments.

Fibula: 11 shaft fragments.

Foot: 1 talus fragment.

AGE: 40-44

SEX: Male?

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue consisted of mainly bone from the 2 mm fraction. Very few stones present.

ARC NBR 98

CONTEXT NUMBER

11410

Unurned burial

Spit 3

SKULL:

Teeth: 1 crown fragment.

Right frontal process of the zygomatic bone, left mastoid fragment.

18 cranial vault fragments.

AXIAL SKELETON:

Rib: 10 body fragments.

Thoracic: 1 right inferior articular process., 1 left superior articular process, 1 left inferior articular process.

Sacrum: 2nd sacral element fragment.

6 vertebral body fragments.

UPPER LIMB:

Humerus: 1 antero-distal shaft fragment, 3 shaft fragments, 1 capitulum fragment.

Ulna: Right olecranon process and trochlear notch fragment, 1 shaft fragment.

Radius: 1 head fragment, 1 shaft fragment.

Hands: 1 scaphoid fragment, 2 distal ends of phalanges fragments.

LOWER LIMB:

Patella: 3 fragments.
 Femur: 3 postero-proximal shaft fragments, 1 shaft fragment with linea aspera, 6 shaft fragments.
 Tibia: 1 condyle fragment, 1 anterior border fragment, 1 shaft fragment.
 Fibula: 5 shaft fragments.
 AGE: Adult
 SEX: Unknown
 PATHOLOGY SUMMARY: None
 PYRE GOODS: 4 unidentifiable fragments with iron staining.
 CREMATION SUMMARY: All white
 COMMENTS: Most of the 2 mm fraction was within the residue.

ARC NBR 98

CONTEXT NUMBER

11418

Unurned burial

LOWER LIMB:

Femur: 3 shaft fragments, 3 shaft fragments with linea aspera.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11438

Unurned burial

SKULL:

Mandible: Left ramus fragment.

1 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 auricular surface fragment (Sex: Male?), 1 acetabulum fragment.

Rib: 3 body fragments.

Cervical: 1 body, 2 body fragments.

Thoracic: 1 right superior articular process.

3 pedicles.

UPPER LIMB:

Humerus: 1 proximal shaft fragment.

Ulna: 1 shaft fragment.

LOWER LIMB:

Femur: 2 condyle fragments.

AGE: Adult

SEX: Male??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11451

Urned burial

Spit 1

SKULL:

Mandible: 1 body fragment.

2 cranial vault fragments.

AXIAL SKELETON:

Cervical: 1 body fragment.

UPPER LIMB:

Radius: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of bone from the 2 mm fraction and a small amount of charcoal fragments.

ARC NBR 98

CONTEXT NUMBER

11451

Urned burial

Spit 2

SKULL:

Mandible: 1 body fragment, antero-lingual surface with 2 partial sockets, 1 body fragment with mylohyoid line.

Maxilla: 1 alveolar margin fragment with 1 socket.
1 occipital bone fragment (Sex: Female?), left petrous portion, left mastoid and temporal bone fragment (Sex: Female?), left frontal process of the zygomatic bone, 1 zygomatic bone fragment, 1 zygomatic arch fragment.
15 cranial vault fragments.

AXIAL SKELETON:

Atlas: 1 fragment.

AGE: Adult

SEX: Female?

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11451

Urned burial

Spit 3

SKULL:

14 cranial vault fragments.

AXIAL SKELETON:

Cervical: 1 body fragment.

UPPER LIMB:

Humerus: 1 proximal shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11451

Urned burial

Spit 4

SKULL:

Right frontal process of the zygomatic bone.

8 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 blade fragment with partial arcuate line.

Cervical: 1 fragment.

UPPER LIMB:

Humerus: 2 shaft fragments.

Ulna: 2 antero-proximal shaft fragments, 2 shaft fragments.

LOWER LIMB:

Femur: 2 shaft fragments.

Tibia: 1 shaft fragment, 1 distal joint surface fragment.

Fibula: 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 animal bone.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentifiable bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11461

Unurned burial

SKULL:

Mandible: Left body fragment, with tooth sockets for left lateral incisor, canine and 1st premolar.

4 cranial vault fragments.

UPPER LIMB:

Humerus: 2 shaft fragments, 3 antero-distal shaft fragments, 1 capitulum fragment.

Ulna: Left antero-proximal shaft fragment, 3 shaft fragments.

Hands: 1 phalanx shaft fragment.

LOWER LIMB:

Femur: 1 shaft fragment with linea aspera.

Tibia: 6 shaft fragments with anterior border, 1 anterior border fragment, 5 shaft fragments, 1 condyle fragment, 1 distal articular surface fragment.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Ante-mortem tooth loss of mandibular 2nd left pre-molar and 1st molar.

PYRE GOODS: None
CREMATION SUMMARY: 1 burnt flint fragment (2 g).
All bone fragments are white.

ARC NBR 98

CONTEXT NUMBER

11462

Redeposited pyre debris

SKULL:

17 cranial vault fragments.

AXIAL SKELETON:

Cervical: 2 body fragments.

UPPER LIMB:

Scapula: 1 glenoid fossa fragment.

Humerus: Left trochlea fragment.

Ulna: 2 shaft fragments.

Radius: 1 shaft fragment.

Hands: 1 scaphoid fragment.

LOWER LIMB:

Patella: 1 fragment.

Femur: 2 postero-distal shaft fragments, 1 linea aspera fragment.

Tibia: 1 condyle fragment, 1 anterior border fragment.

Foot: 2 talus fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction

ARC NBR 98

CONTEXT NUMBER

11464

Unurned burial

SKULL:

Teeth: Crowns of mandibular 1st and 2nd premolars, maxillary 2nd premolar and mandibular 2nd? molar.

1 temporal bone fragment, 1 petrous portion fragment.

137 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

AGE: Development of tooth crowns: 5-6 years.

SEX: Unknown

PATHOLOGY SUMMARY: All white. A few fragments are abraded.

PYRE GOODS: 7 bird bone fragments.

CREMATION SUMMARY: 1 burnt flint (1 g). All bone fragments are white.

COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11471

Redeposited cremated remains

SKULL:

Mandible: 2 body fragments, inferior margin, 1 body fragment, alveolar margin.

Teeth: 2 tooth root fragments.

4 cranial vault fragments.

LOWER LIMB:

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentified bone fragments.

ARC NBR 98

CONTEXT NUMBER

11472

Urned burial

Spit 1

SKULL:

Teeth: 1 molar root fragment.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: Spit containing very few bone fragments.

ARC NBR 98

CONTEXT NUMBER

11472

Urned burial

Spit 2

SKULL:

Teeth: 1 crown fragment, 1 molar root fragment.

Right and left petrous portions, frontal bone with right and left nasal bone fragments.

9 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: Non-metric trait: Metopic suture present.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11472

Urned burial

Spit 3

SKULL:

Maxilla: 1 palatal process fragment with alveolar margin and 2 partial tooth sockets. 1 alveolar margin fragment with 2 partial tooth sockets.

Teeth: 1 mandibular molar root fragment, 1 root fragment.

15 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments..

UPPER LIMB:

Radius: 1 head fragment.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The majority of the bones from the 2 mm fraction was retained within the residue.

ARC NBR 98

CONTEXT NUMBER

11472

Urned burial

Spit 4

SKULL:

Mandible: Right ramus fragment.

Teeth: 2 molar root fragments, 1 incisor root fragment, 2 crown fragments.

Left temporal bone fragment, right posterior portion of the zygomatic arch, 1 mastoid fragment,

26 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

Cervical: 1 body fragment..

UPPER LIMB:

Humerus: 2 shaft fragments, 1 postero-distal shaft fragment.

Ulna: 2 shaft fragments.

Radius: 1 shaft fragment

LOWER LIMB:

Femur: 3 shaft fragments with linea aspera, 2 shaft fragments, 1 condyle fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

11472

Urned burial

Spit 5

SKULL:

Mandible: 1 body fragment, lingual surface with 3 partial sockets.

Teeth: 1 root fragment.
Right frontal process of the zygomatic bone.
20 cranial vault fragments.
AXIAL SKELETON:
Rib: 1 body fragment.
UPPER LIMB:
Scapula: 1 glenoid fossa fragment.
Humerus: 1 head fragment, 1 shaft fragment.
Ulna: 1 shaft fragment.
Radius: 2 shaft fragments.
LOWER LIMB:
Femur: 1 shaft fragment with linea aspera.
Tibia: 1 shaft fragment.
Fibula: 3 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: 1 small glass fragment
CREMATION SUMMARY: All white
COMMENTS: No residue

ARC NBR 98

CONTEXT NUMBER

11472

Urned burial

Spit 6

SKULL:

Mandible: 1 condyle fragment.

2 cranial vault fragments.

LOWER LIMB:

Femur: 1 condyle fragment, 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11480

Redeposited cremated remains

SKULL:

Mandible: Right coronoid process.

1 frontal bone fragment, 1 left supra-orbital rim and zygomatic process fragment (Sex: Female).

7 cranial vault fragments.

LOWER LIMB:

Femur: 5 shaft fragments with linea aspera, 1 linea aspera fragment.

Tibia: 1 anterior border fragment.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Female??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11484

Redeposited pyre debris

SKULL:

Mandible: 3 body fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

LOWER LIMB:

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11488

Redeposited cremated remains

SKULL:

6 cranial vault fragments.

LOWER LIMB:

Femur: 1 shaft fragment with linea aspera.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

11490

Unurned burial

SKULL:

Mandible: 1 body fragment, lingual surface with 2 partial sockets.

20 cranial vault fragments.

AXIAL SKELETON:

1 vertebral body fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

Ulna: 4 shaft fragments.

Radius: 2 shaft fragments.

LOWER LIMB:

Femur: 9 linea aspera fragments, 1 shaft fragment with linea aspera, 11 shaft fragments.

Tibia: 3 shaft fragments with anterior border, 1 shaft fragment, 1 shaft fragment with lateral border.

Fibula: 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The majority of the bone from the 2 mm fraction was within the residue.

ARC NBR 98

CONTEXT NUMBER

11503

Pyre site

SKULL:

Mandible: 1 alveolar margin fragment, lingual surface.

Teeth: 1 single tooth root fragment, 1 root fragment, 1 crown fragment.

1 mandibular fossa fragment, 1 mastoid fragment, 1 supra-orbital rim (Sex: Male).

13 cranial vault fragments.

LOWER LIMB:

Femur: 1 linea aspera fragment.

Tibia: 1 anterior border fragment, 1 shaft fragment with anterior border, 3 shaft fragments.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Male??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The large quantity of residue contained a small amount of bone and a high amount of charcoal fragments from the 2 mm fraction.

CONTEXT NUMBER

11505

Pyre site

Spit 1

SKULL:

9 cranial vault fragments.

LOWER LIMB:

Femur: 2 shaft fragments, 1 postero-distal shaft fragment.

Tibia: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The majority of the 2 mm fraction was retained within the residue.

ARC NBR 98

CONTEXT NUMBER

11505

Pyre site

Spit 2

SKULL:

12 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The majority of the 2 mm fraction was retained within the residue.

ARC NBR 98

CONTEXT NUMBER

11513

Urned burial

Spit 1

SKULL:

Mandible: 1 body fragment.

1 zygomatic arch fragment, 1 nasal bone fragment.

15 cranial vault fragments.

AXIAL SKELETON:

Innominate:

Rib: 2 body fragments.

Thoracic: 1 spinal process.

UPPER LIMB:

Scapula: 1 border fragment.

Humerus: 4 shaft fragments, 1 capitulum fragment.

Hands: 1 distal end of a proximal phalanx.

LOWER LIMB:

Femur: 1 postero-distal shaft fragment, 1 shaft fragment with linea aspera.

Tibia: 3 shaft fragments with anterior border.

Foot: 1 distal end of a proximal phalanx.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 15 fragments of immature animal bones (4 g).

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11513

Urned burial

Spit 2

SKULL:

Right and left petrous portions, 1 petrous portion fragment, 1 mastoid fragment, 1 temporal squamous fragment, left frontal process of the zygomatic bone, 2 occipital bone fragments, 2 left frontal bone fragments with superior orbital margin (Sex: Female), 1 zygomatic arch fragment.

53 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 acetabulum fragment.

Rib: 10 body fragments.

Axis: Dens.

Cervical: 2 body fragments.

Thoracic: 1 right superior articular process, 1 left superior articular process.

1 inferior articular process.

UPPER LIMB:

Humerus: 2 shaft fragments.

Ulna: 2 shaft fragments.

Hands: 1 proximal end of a distal phalanx.

LOWER LIMB:

Femur: 1 shaft fragment with linea aspera, 1 shaft fragment.

Tibia: 3 anterior border fragments, 1 condyle fragment, 1 shaft fragment.

Fibula: 2 shaft fragments.

Foot: 2 tarsal fragments.

AGE: Adult

SEX: Female?

PATHOLOGY SUMMARY: None

PYRE GOODS: 23 immature and mature animal bone fragments (12 g)

CREMATION SUMMARY: Few blue/grey cranial fragments.

COMMENTS: The residue contained a large amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11513

Urned burial

Spit 3

SKULL:

Maxilla: 1 body fragment with 2 partial root sockets.

Right frontal process fragment of the zygomatic bone, 2 occipital bone fragments, 1 mastoid (Sex: Female).

38 cranial vault fragments.

AXIAL SKELETON:

Rib: 6 body fragments.

Cervical: 2 bodies.

Thoracic: Left inferior articular process with transverse process fragment.

2 vertebral body fragments.

UPPER LIMB:

Scapula: 1 spine fragment, 1 border fragment.

Clavicle: 1 left lateral shaft fragment.

Humerus: 1 shaft fragment.

Ulna: 1 shaft fragment, 1 right medio-proximal shaft fragment.

LOWER LIMB:

Femur: 1 head, 2 postero-distal shaft fragments (re-fits), 5 shaft fragments.

Tibia: 1 shaft fragment with anterior border.

Fibula: 3 shaft fragments.

Foot: 1 tarsal fragment.

AGE: Adult

SEX: Female?

PATHOLOGY SUMMARY: None

PYRE GOODS: 6 immature and mature animal bone fragments (6 g).

CREMATION SUMMARY: Few blue/grey small cranial fragments.

COMMENTS: The residue contained a large amount of unidentifiable bone fragment from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11513

Urned burial

Spit 4

SKULL:

1 right temporal bone fragment with posterior part of the zygomatic arch (Sex: Male?), left and right mandibular fossae, 1

temporal squamous part fragment, 1 occipital bone fragment.

19 cranial vault fragments.

AXIAL SKELETON:

Innominate: 3 blade fragments.

Rib: 4 body fragments.

Cervical: 1 body

Thoracic: 3 right transverse processes

1 inferior articular process fragment.

UPPER LIMB:

Scapula: 1 spine fragment.

Humerus: 1 shaft fragment.

Ulna: Right olecranon process fragment, left olecranon process fragment 2 shaft fragments.

Radius: 1 antero-distal shaft fragment, 1 shaft fragment.

Hands: 1 distal end of a proximal phalanx.

LOWER LIMB:

Femur: 3 condyle fragments, 1 head fragment, 11 shaft fragments.

Tibia: Left postero-proximal shaft fragment with nutrient foramen, 1 proximal shaft fragment, 2 shaft fragments, 1 condyle fragment.

Fibula: 4 shaft fragments.

Foot: 1 proximal fragment of the proximal phalanx of the 1st digit, 1 tarsal fragment.

AGE: Adult

SEX: Male?

PATHOLOGY SUMMARY: None

PYRE GOODS: 2 animal bone fragments (2 g).

CREMATION SUMMARY: Few grey/blue cranial vault fragments.

COMMENTS: The residue contained a large amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11514

Cremation-related deposit

SKULL:

Mandible: Left body fragment, lingual surface with mylohyoid groove, 1 neck fragment, 1 body fragment, lingual surface.

Right and left petrous portions, left temporal bone fragment with postglenoid tubercle, 1 mandibular fossa fragment.

53 cranial vault fragments.

AXIAL SKELETON:

Innominate: 4 blade fragments.

Rib: 28 body fragments.

Cervical: 2 fragments.

Thoracic: 1 spinous process, 1 right superior articular process, 1 left inferior articular process, 1 left superior articular process.

Lumbar: 1 inferior articular process.

3 vertebral body fragments.

UPPER LIMB:

Scapula: Right coracoid process fragment.

Humerus: Left capitulum and lateral epicondyle fragment, 1 antero-distal shaft fragment, 12 shaft fragments.

Ulna: 4 shaft fragments, 1 right head fragment, 1 right antero-proximal shaft fragment.

Radius: 2 shaft fragments.

LOWER LIMB:

Tibia: 2 shaft fragments with anterior border, 1 shaft fragment with lateral border, 1 shaft fragment, 1 anterior border fragment.

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The majority of the 2 mm fraction was retained within the residue.

ARC NBR 98

CONTEXT NUMBER

11523

Redeposited pyre debris

SKULL:

Teeth: 1 root fragment, 1 crown fragment.

13 cranial vault fragments.

AGE: Immature

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

11526

Redeposited cremated remains

Spit 1

SKULL:

Mandible: Left condyle.

Teeth: 1 root fragment.

24 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

Cervical: 1 body fragment.

UPPER LIMB:

Ulna: 1 shaft fragment.

Radius: 1 shaft fragment.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 animal bone

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11526

Redeposited cremated remains

Spit 1, Area A

UPPER LIMB:

Humerus: 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11526

Redeposited cremated remains

Spit 1, Area B

SKULL:

Teeth: 8 root fragments.

1 frontal bone fragment, 1 orbital roof fragment.

27 cranial vault fragments.

AXIAL SKELETON:

Rib: 4 body fragments.

Lumbar: 1 left superior articular process.

1 vertebral body fragments.

UPPER LIMB:

Hands: 1 proximal fragment of a metacarpal, 1 phalanx shaft, 1 proximal end of a distal phalanx.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 oyster shell fragment.

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11526

Redeposited cremated remains

Spit 2

SKULL:

17 cranial vault fragments.

AXIAL SKELETON:

Thoracic: 1 left superior articular process.

UPPER LIMB:

Scapula: Right coracoid process, 1 blade fragment..

Humerus: 4 shaft fragments.

Ulna: 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 2 animal bones

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11526

Redeposited cremated remains

Spit 2, Area A

UPPER LIMB:

Humerus: 3 antero-distal shaft fragments (refits to 1 fragment).

Ulna: 1 shaft fragment.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11526

Redeposited cremated remains

Spit 2, Area B

SKULL:

9 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11526

Redeposited cremated remains

Spit 2, Area C

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The spit only contained 10 fragments of spongy bone from unidentifiable joint surfaces.

ARC NBR 98

CONTEXT NUMBER

11526

Redeposited cremated remains

Spit 2, Area D

LOWER LIMB:

Fibula: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11526

Redeposited cremated remains

Spit 2, Area E

SKULL:

Maxilla: 3 body fragments.

Teeth: 1 3rd molar root.

3 cranial vault fragments.

UPPER LIMB:

Radius: 1 shaft fragment.

LOWER LIMB:

Tibia: 1 condyle fragment with intra-condylar eminence, 1 condyle fragment, 1 shaft fragment.

Fibula: 1 shaft fragment, left lateral malleolus.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 animal bone.

1 pip (unburnt).

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11526

Redeposited cremated remains

Spit 3

SKULL:

Mandible: Right condyle, 1 body fragment, 1 coronoid process fragment..

Teeth: 1 mandibular 3rd molar root.

1 occipital condyle fragment, 1 zygomatic arch fragment.

28 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 blade fragment.

Rib: 2 body fragments.

Atlas: 1 superior articular surface fragment.

Cervical: 4 body fragments.

Thoracic: Right superior and inferior articular processes with lamina, 2 left superior articular processes, 1 right inferior articular process, 1 right superior articular process.

Lumbar: 1 right inferior articular process.

5 vertebral body fragments.

UPPER LIMB:

Humerus: 1 head fragment, 3 shaft fragments.

Ulna: 1 shaft fragment.

Radius: 2 shaft fragments.

Hands: 1 head of 1st metacarpal, 2 metacarpal shafts, 2 intermediate phalanx shafts, 1 distal phalanx.

LOWER LIMB:

Patella: 1 fragment.

Femur: 1 postero-distal shaft fragment, 7 shaft fragments.

Tibia: 2 shaft fragments with anterior border, 2 shaft fragments, 1 condyle fragment, 2 anterior border fragments.

Fibula: 3 shaft fragments.

Foot: 1st metatarsal head fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 2 animal bones.

2 tibia shaft fragments with iron staining.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11526

Redeposited cremated remains

Spit 3, Area A
SKULL:
2 cranial vault fragments.
AXIAL SKELETON:
Rib: 1 body fragment.
UPPER LIMB:
Scapula: 1 glenoid fossa fragment, 1 spine fragment,
Humerus: 1 head fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: 1 animal bone
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11526

Redeposited cremated remains
Spit 3, Area C
SKULL:
21 cranial vault fragments.
LOWER LIMB:
Fibula: 1 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11527

Unurned burial
SKULL:
Teeth: 1 single tooth root, 1 single root fragment.
19 cranial vault fragments.
AXIAL SKELETON:
Rib: 2 body fragments.
Cervical: 1 body fragment.
1 vertebral body fragments.
LOWER LIMB:
Femur: 1 shaft fragment.
AGE: Unknown
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a moderate amount of bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11531

Redeposited pyre debris
SKULL:
Maxilla: 1 body fragment.
Right petrous portion fragment.
15 cranial vault fragments.
UPPER LIMB:
Ulna: 2 shaft fragments.
LOWER LIMB:
Femur: 4 shaft fragment with linea aspera, 1 postero-distal shaft fragment, 2 shaft fragment.
Tibia: 2 anterior border fragments.
Fibula: 2 shaft fragments,
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11535

Unurned burial
SKULL:
1 temporal bone fragment.

15 cranial vault fragments.
AXIAL SKELETON:
Innominate: 1 blade fragment.
Rib: 3 body fragments.
Thoracic: Right superior and inferior articular processes with lamina fragment, 1 body fragment.
3 vertebral body fragments.
UPPER LIMB:
Scapula: 1 spine fragment.
LOWER LIMB:
Femur: 3 linea aspera fragments.
Tibia: 1 shaft fragment.
Fibula: 2 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a moderate amount of unidentifiable bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11540

Bustum

Spit 2

SKULL:

Maxilla: 1 body fragment.

Teeth: 1 root fragment.

13 cranial vault fragments.

AXIAL SKELETON:

Rib: 3 body fragments.

2 vertebral body fragments.

LOWER LIMB:

Femur: 1 shaft fragment.

Tibia: 1 shaft fragment.

AGE: Subadult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11540

Bustum

Spit 2, Area A

SKULL:

1 cranial vault fragments.

LOWER LIMB:

Fibula: 3 shaft fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11540

Bustum

Spit 2, Area B

SKULL:

Maxilla: 1 fragment.

AXIAL SKELETON:

1 vertebral body fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11540

Bustum

Spit 2, Area C
UPPER LIMB:
Humerus: 1 antero-distal shaft fragment, 1 shaft fragment.
AGE: Juvenile?
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11540

Bustum
Spit 2, Area D
AGE: Unknown
SEX: Unknown
CREMATION SUMMARY: All white
COMMENTS: The area contained few unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

11540

Bustum
Spit 2, Area E
AXIAL SKELETON:
1 vertebral body fragments.
LOWER LIMB:
Femur: 1 shaft fragment.
AGE: Unknown
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11540

Bustum
Spit 2, Area F
UPPER LIMB:
Humerus: 3 shaft fragments (refits to 1 fragment)
AGE: Unknown
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11540

Bustum
Spit 2, Area G
LOWER LIMB:
Fibula: 1 shaft fragment.
AGE: Unknown
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11540

Bustum
Spit 2, Area H
SKULL:
1 cranial vault fragments.
AXIAL SKELETON:
Rib: 1 body fragment.
AGE: Unknown
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11540

Bustum

Spit 2, Area I

SKULL:

4 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11540

Bustum

Spit 2, Area J

SKULL:

13 cranial vault fragments.

AGE: Subadult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11540

Bustum

Spit 2, Area K

SKULL:

1 frontal bone fragment.

8 cranial vault fragments.

AGE: Subadult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11540

Bustum

Spit 2, Area L

CREMATION SUMMARY: All white

COMMENTS: Area containing few unidentifiable bone fragments from the 5 mm and 2 mm fractions.

ARC NBR 98

CONTEXT NUMBER

11540

Bustum

Spit 2, Area M

CREMATION SUMMARY: All white

COMMENTS: Area containing few unidentifiable long bone fragments.

ARC NBR 98

CONTEXT NUMBER

11540

Bustum

Spit 3

SKULL:

Mandible: 1 body fragment, lateral surface, 1 body fragment, lingual surface, 1 antero-lingual fragment with superior and inferior mental spines.

Maxilla: Right frontal process.

Teeth: Right 2nd maxillary molar root (Age: A1/2-Ac; 13-15 years), 2 mandibular molar root fragments, 2 single tooth root fragments, 1 molar root fragment.

Left petrous portion, 1 mandibular fossa fragment.

35 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 blade fragment.

Rib: 6 body fragments.

Thoracic: 1 inferior articular process.

1 vertebral body fragments.

UPPER LIMB:

Scapula: 2 spine fragments, 1 acromion fragment..

Radius: 4 shaft fragments.

AGE: 13-15

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white.

Iron staining on 2 unidentified bone fragments

COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11540

Bustum

Spit 4

SKULL:

Teeth: 2 crown fragments, 2 single tooth root fragments, 1 molar root fragment.

1 temporal bone fragment, 1 frontal bone fragment, 1 superior orbital rim fragment.

35 cranial vault fragments.

AXIAL SKELETON:

Rib: 6 body fragment, 1 1st rib body fragment..

UPPER LIMB:

Humerus: 2 shaft fragments.

Radius: 1 shaft fragment, 1 left superio-posterior shaft fragment with partial tuberosity.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white.

3 cranial fragments with iron staining.

COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11540

Bustum

Spit 5

SKULL:

19 cranial vault fragments.

AXIAL SKELETON:

Rib: 5 body fragment.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11551

Redeposited cremated remains

SKULL:

Teeth: 1 crown fragment.

12 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 blade fragment.

Rib: 2 body fragments.

Thoracic: 1 body fragment.

Lumbar: 1 pedicle.

4 vertebral body fragments.

LOWER LIMB:

Femur: 1 linea aspera fragment.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11558

Unurned burial

North-western quadrant

SKULL:

Mandible: Right neck and condyle fragment,

Teeth: 4 root fragments

1 occipital protuberance fragment (Sex: Male??), 1 mastoid fragment (Sex: Female?), 3 parietal fragments, 1 temporal bone fragment.

24 cranial vault fragments.

AXIAL SKELETON:

Rib: 5 body fragments.

Cervical: 1 body.

Thoracic: 2 right body fragment with superior articular processes, 1 body fragment, 1 left superior articular process with pedicle, 1 left inferior articular process, 1 spinal process.

Lumbar: 1 inferior left articular process.

1 vertebral body fragment with pedicle, 7 vertebral body fragments, 1 right pedicle

UPPER LIMB:

Scapula: Left coracoid process, left superior half of the glenoid fossa, 1 glenoid fossa fragment, 2 spine fragments.

Humerus: Left inferio-anterior half of shaft, left postero-distal shaft fragment, 3 shaft fragments, 1 head fragment.

Radius: 1 shaft fragment.

Hands: 2 metacarpal shafts.

LOWER LIMB:

Femur: 2 shaft fragments with linea aspera. 1 linea aspera fragment.

Tibia: 3 anterior border fragment.

Foot: Left head of 1st metatarsal,

AGE: Adult

SEX: Indeterminate

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The majority of the 2 mm fraction was retained within the residue.

ARC NBR 98

CONTEXT NUMBER

11558

Unurned burial

North-eastern quadrant

SKULL:

Teeth: 2 single root fragments.

Right petrous portion, 1 parietal fragment, 1 orbital root fragment, 1 temporal squamous part fragment.

2 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 body fragments, 1 acetabulum rim fragment.

Rib: 7 body fragment.

Cervical: 1 body fragment.

10 vertebral body fragments.

UPPER LIMB:

Humerus: 2 shaft fragments.

Ulna: 2 shaft fragments.

Radius: 1 shaft fragment.

LOWER LIMB:

Femur: 1 shaft fragment, 1 shaft fragment with linea aspera.

Tibia: 3 anterior border fragment.

Foot: 1 navicular fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Orbital roof fragment: Large and small isolated foramina (Type 3). Healed cribra orbitalia.

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The majority of the 2 mm fraction was retained within the residue.

ARC NBR 98

CONTEXT NUMBER

11558

Unurned burial

South-western quadrant

SKULL:

Mandible: 1 right body fragment with teeth sockets for Right central incisor to the 2nd molar.

Teeth: 1 right lateral incisor root (*in situ*).

1 occipital bone fragment.

6 cranial vault fragments.

AXIAL SKELETON:

Innominate: 4 blade fragments, 1 left blade fragment with partial auricular surface (Sex: Male), left ischial tuberosity fragment, 1 acetabulum fragment.

Rib: 3 body fragment.

Thoracic: 1 right inferior articular process.

Lumbar: 1 body fragment,

2 vertebral body fragments.

UPPER LIMB:
Humerus: 3 shaft fragments.
Ulna: 1 right superio-anterior shaft fragment,
Radius: 1 head fragment.
LOWER LIMB:
Tibia: 1 anterior border fragment,
Fibula: 1 shaft fragment.
AGE: Adult
SEX: Male?
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The majority of the 2 mm fraction was retained within the residue.

ARC NBR 98

CONTEXT NUMBER

11558

Unurned burial
South-eastern quadrant
SKULL:
8 cranial vault fragments.
AXIAL SKELETON:
Innominate:
Rib: 1 body fragment.
Thoracic: 1 body fragment.
Lumbar: 2 pedicles.
5 vertebral body fragments.
UPPER LIMB:
Clavicle: 1 medial end fragment.
LOWER LIMB:
Femur: 7 shaft fragments, 1 left superio-medial shaft fragment with partial lesser trochanter.
Tibia: 1 anterior border fragment.
Fibula: 1 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The majority of the 2 mm fraction was retained within the residue.

ARC NBR 98

CONTEXT NUMBER

11562

Unurned burial
SKULL:
Mandible: 1 body fragment.
Teeth: 1 permanent premolar root fragment, 6 root fragments, 1 permanent molar root fragment, 1 permanent canine root fragment, 2 crown fragments.
Right petrous portion, 2 parietal fragments, 1 occipital bone fragment, 1 frontal bone fragment, 1 mandibular fossa fragment, 1 petrous portion fragment, 1 temporal bone fragment, 1 zygomatic bone fragment.
122 cranial vault fragments.
AXIAL SKELETON:
Innominate: Right iliac blade fragment (Age: Ilium and ischium unfused; Age younger than 13), 1 blade fragment, 1 acetabulum fragment.
Rib: 1 body fragment.
Axis: Dens
Thoracic: 1 right inferior articular process, 1 left superior articular process.
Sacrum: 2 fragments.
4 articular processes with lamina fragments.
UPPER LIMB:
Humerus: 1 head fragment (Age: Head unfused: younger than 16), 1 shaft fragment.
Ulna:
Radius:
Hands: 2 distal ends of proximal phalanges, 1 distal end of a intermediate phalanx.
LOWER LIMB:
Femur: 1 head fragment (Age: unfused; younger than 13), 1 shaft fragment.
Tibia: 2 shaft fragments.
Foot: 1 talus fragment.
AGE: 6-12
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: Turquoise stain on cranial vault fragment
CREMATION SUMMARY: All white
COMMENTS: The residue contained mainly bone from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11593

Redeposited cremated remains

SKULL:

Mandible: 1 right body fragment distal end of the alveolar margin.

1 parietal fragment, 1 left superior margin of the external acoustic meatus, 1 right supra-orbital margin, lateral side with temporal line (Sex: Female), 3 occipital bone fragments, 1 petrous portion fragment, 1 mastoid fragment, 1 supra-orbital margin fragment (Sex: Female).

67 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 auricular surface fragments, 1 blade fragment.

Rib: 8 body fragments.

Atlas: Right superior and inferior articular surface fragment, dens facet.

Cervical: 1 body, 1 superior and inferior articular process fragment, 1 body fragment.

Thoracic: 2 right inferior articular processes, 1 right superior articular process.

Lumbar: 2 left inferior articular processes.

2 vertebral body fragment, 1 superior and inferior articular process fragment, 1 inferior articular process fragment, 1 superior articular process fragment.

UPPER LIMB:

Humerus: 1 shaft fragment with deltoid tuberosity, 1 shaft fragment.

Ulna: 2 shaft fragments.

Hands: 1 proximal end of a distal phalanx, 1 distal end of an intermediate phalanx.

LOWER LIMB:

Femur: 3 shaft fragments, 1 head fragment, 1 condyle fragment.

Tibia: 2 anterior border fragments.

Fibula: 6 shaft fragments.

Foot: 1 distal end of 1st metatarsal.

AGE: Adult

SEX: Female??

PATHOLOGY SUMMARY: None

PYRE GOODS: Mandible fragment, the left superior margin of the external acoustic meatus and 4 unidentified bone fragments has turquoise staining.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11594

Redeposited cremated remains

SKULL:

1 cranial vault fragments.

LOWER LIMB:

Femur: 1 shaft fragment with linea aspera.

Tibia: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: all white

COMMENTS: The residue contained a very small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

11596

Unurned burial

Spit 1

SKULL:

Mandible:

Maxilla: 2 palatal process fragments with 3 partial tooth sockets.

Right frontal process of the zygomatic bone.

61 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 blade fragments.

Rib: 1 body fragment.

Cervical: 1 body fragment

Thoracic: 2 spinous processes, 1 right superior articular process.

Lumbar: 1 right inferior articular process.

UPPER LIMB:

Scapula: 1 glenoid fossa fragment.

Humerus: 1 distal right anterior surface of capitulum and trochlea, 4 shaft fragments, 1 antero-distal shaft fragment.

Ulna: Right proximal shaft fragment, 3 shaft fragments.

LOWER LIMB:

Femur: 10 shaft fragments, 1 head fragment, 4 shaft fragments with linea aspera.

Tibia: 1 shaft fragment with anterior border, 5 anterior border fragments, 5 shaft fragments.

AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The 2 mm fraction was largely retained within the residue.

ARC NBR 98

CONTEXT NUMBER

11596

Unurned burial

Spit 2

SKULL:

22 cranial vault fragments.

UPPER LIMB:

Ulna: Right olecranon process.

LOWER LIMB:

Femur: 4 shaft fragments.

Tibia: 1 anterior border fragment, 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11601

Unurned burial

Spit 1

SKULL:

Right frontal process of the zygomatic bone, 1 temporal bone fragment.

36 cranial vault fragments.

AXIAL SKELETON:

Cervical: 1 body fragment.

Thoracic: 1 right inferior articular process.

1 vertebra fragment.

UPPER LIMB:

Humerus: 1 left distal shaft fragment, 3 shaft fragments, 1 head fragment, 1 left capitulum fragment.

Ulna: 1 left superio-anterior shaft fragment, 1 shaft fragment.

Radius: 1 shaft fragment, 1 left tuberosity fragment.

Hands: 1 head of 1st metacarpal.

LOWER LIMB:

Femur: 2 postero-distal shaft fragments, 1 antero-distal shaft fragment, 1 shaft fragment,

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The 2 mm fraction was mainly within the residue.

ARC NBR 98

CONTEXT NUMBER

11601

Unurned burial

Spit 2

SKULL:

Maxilla: Right frontal process.

6 cranial vault fragments.

UPPER LIMB:

Humerus: 1 shaft fragment, 1 capitulum fragment.

Radius: Right shaft fragment with tuberosity.

LOWER LIMB:

Femur: 1 right postero-superior shaft fragment with spiral line. 1 shaft fragment with linea aspera, 6 shaft fragments.

Tibia: 1 left superio-posterior shaft fragment with nutrient foramen, 1 superio-posterior shaft fragment with the superior part of soleus line, 1 superio-anterior shaft fragment with tuberosity, 2 anterior border fragments, 1 condyle fragment, 2 shaft fragments.

Foot: 1 head fragment of 1st metatarsal, 1 talus fragment.

AGE: Adult

SEX: Male?? (based on the size of the bones, all very large).

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 cranial fragment with turquoise stain.

CREMATION SUMMARY: Tibia fragment with soleus line is light grey, tibial anterior border fragments has a dark grey core, proximal end of postero-superior shaft fragment with spiral line is light grey with black core.

ARC NBR 98

CONTEXT NUMBER

11606

Redeposited pyre debris

Spit 1

SKULL:

Mandible: 1 ramus fragment.

Left zygomatic arch fragment.

53 cranial vault fragments.

AXIAL SKELETON:

Rib: 5 body fragments.

Atlas: Dens facet.

Cervical: 1 body fragment.

Thoracic: 2 body fragments, 1 left inferior articular process.

2 inferior articular process fragment, 4 vertebral body fragments.

UPPER LIMB:

Humerus: 3 shaft fragments, 1 capitulum fragment.

Ulna: 1 left trochlear notch fragment.

Radius: Right and left head fragments, 2 shaft fragments.

Hands: 1 phalanx fragment.

LOWER LIMB:

Tibia: 2 shaft fragments.

Foot: 1 cuneiform fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Slight osteophyte formations of the joint margins of 2 vertebral body fragments.

PYRE GOODS: 4 unidentified bone fragments with turquoise stains.

CREMATION SUMMARY: All white

COMMENTS: The 2 mm fraction was retained within the residue.

ARC NBR 98

CONTEXT NUMBER

11606

Redeposited pyre debris

Spit 2

SKULL:

14 cranial vault fragments.

LOWER LIMB:

Femur: 4 shaft fragments.

Tibia: 1 anterior border fragment.

Fibula: 1 shaft fragment.

Foot: 1 cuboid fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 unidentified bone fragments with turquoise stain.

CREMATION SUMMARY: All white

COMMENTS: The 2 mm fraction was mainly within the residue.

ARC NBR 98

CONTEXT NUMBER

11612

Redeposited cremated remains

SKULL:

5 cranial vault fragments.

UPPER LIMB:

Scapula: 1 spine fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Porosity on cranial fragments.

PYRE GOODS: None

CREMATION SUMMARY: None

ARC NBR 98

CONTEXT NUMBER

11615

Cremation-related deposit

SKULL:

1 mastoid fragment.

2 cranial vault fragments.

UPPER LIMB:

Humerus: 4 shaft fragments.

Radius: 2 shaft fragments.

LOWER LIMB:

Femur: 4 shaft fragments with linea aspera, 3 shaft fragments, 1 postero-proximal shaft fragment.

Tibia: 3 shaft fragments with anterior border.

AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: Humerus shaft fragments are light grey.

ARC NBR 98

CONTEXT NUMBER

11616

Cremation-related deposit

Spit 1

SKULL:

1 frontal bone fragment.

4 cranial vault fragments.

LOWER LIMB:

Femur: 1 shaft fragment with linea aspera.

Tibia: 1 shaft fragment, 1 anterior border fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11616

Cremation-related deposit

Spit 2

SKULL:

Left mastoid (Sex: Male).

15 cranial vault fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

Radius: 2 shaft fragments.

Hands: 1 metacarpal head, 1 proximal end of a proximal phalanx.

LOWER LIMB:

Femur: 2 left superio-proximal shaft fragments with spiral line, 1 left superio-proximal shaft fragment with lesser trochanter shaft fragment, 4 shaft fragments.

Tibia: 1 anterior border fragment, 2 shaft fragments.

AGE: Adult

SEX: Male?

PATHOLOGY SUMMARY: None

PYRE GOODS: 23 bird bone fragments (3 g).

CREMATION SUMMARY: 2 burnt flint fragments (8 g).

COMMENTS: The residue contained a small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

11634

Urned burial

SKULL:

Teeth: 1 deciduous canine crown (Age: Younger than 9)

80 cranial vault fragments.

AXIAL SKELETON:

Rib: 4 body fragments.

AGE: Juvenile

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a large amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

11639

Redeposited pyre debris

Spit 1

SKULL:

13 cranial vault fragments.

AGE: Subadult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 3 immature animal bone fragments (1 g).

4 unidentifiable bone fragments with iron staining.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11639

Redeposited pyre debris

Spit 2

SKULL:

Teeth: 1 permanent single tooth root fragment.

1 right mastoid (Sex: Female??)

19 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments

1 inferior articular process fragment.

LOWER LIMB:

Tibia: 1 shaft fragment.

AGE: Adult?

SEX: Female??

PATHOLOGY SUMMARY: None

PYRE GOODS: 11 immature animal bone fragments (7 g)

1 cranial fragment and 1 rib fragment with iron staining.

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11640

Redeposited pyre debris

Area 1A

SKULL:

1 supra-orbital rim fragment

8 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11640

Redeposited pyre debris

Area 1B

SKULL:

Teeth: 1 single tooth root fragment.

2 parietal fragments.

7 cranial vault fragments.

AXIAL SKELETON:

1 pedicle

UPPER LIMB:

Radius: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11676

Redeposited pyre debris

SKULL:

Mandible: 1 body fragment

Teeth: 1 maxillary premolar crown, 1 maxillary 3rd? molar root, 1 single root fragment.

Left frontal process of the zygomatic bone.

5 cranial vault fragments.

UPPER LIMB:

Hands: 1 intermediate phalanx fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 1 cranial fragment with iron staining. All fragments are white. A high proportion of the fragments are moderately abraded.

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11701

Redeposited pyre debris

SKULL:

2 cranial vault fragments.

LOWER LIMB:

Tibia: 2 shaft fragments with anterior border.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

11703

Redeposited pyre debris

SKULL:

Mandible: Right condyle and neck fragment, 1 body fragment, antero-lingual surface with superior and inferior mental spines, 1 right body fragment, lingual surface with mylohyoid groove, left neck fragment, 2 coronoid process fragments..

Maxilla: 1 alveolar process fragment with partial sockets for a molar.

Teeth: 1 molar crown fragment, 1 mandibular premolar crown and root fragment, 12 molar root fragments, right mandibular 2nd premolar, 2 canine roots, 5 single root fragments, 3 crown fragments, 1 left mandibular deciduous molar root and crown fragment, 1 incisor root, 4 root fragments.

6 parietal fragments, 1 occipital fragment, 1 right frontal process of the zygomatic bone.

84 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 blade fragments, 1 auricular surface fragment, inferior demiface (Sex: Male??, Age: 35-45 years), acetabular rim fragment.

Rib: 8 body fragment.

Cervical: 2 bodies, 3 body fragments.

Thoracic: 1 body, 1 lamina fragment, 3 left inferior articular processes, 3 right superior articular processes, 3 left superior articular processes.

Lumbar: 2 right inferior articular processes, 1 left inferior articular process,

8 vertebral body fragments, 4 inferior articular process fragments.

UPPER LIMB:

Scapula: 1 spine fragment.

Humerus: 1 shaft fragment, 1 capitulum fragment.

Radius: 1 head fragment.

Hands: 1 trapezoid fragment, 1 carpal fragment, 2 metacarpal heads, 2 intermediate phalanges, 4 distal ends of proximal phalanges, 1 proximal phalanx shaft, 2 distal halves of intermediate phalanges, 1 proximal end of an intermediate phalanx, 1 shaft of a distal phalanx.

LOWER LIMB:

Patella: 2 fragments.

Femur: 1 shaft fragment with linea aspera, 3 shaft fragments.

Tibia: 1 anterior border fragment,

Foot: Head of 1st metatarsal fragment, 1 metatarsal head.

AGE: 35-45 years

SEX: Male?

PATHOLOGY SUMMARY: 1 retained deciduous left mandibular molar, hypodontia.

PYRE GOODS: 1 humerus shaft fragment and 1 unidentified bone fragment with turquoise stains.

8 animal bone fragments (1 g).

CREMATION SUMMARY: 13 burnt flint fragments (4 g).

COMMENTS: The large amount of residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11706

Bustum

Spit 1

SKULL:

Mandible: Right body fragment, lingual surface with mylohyoid groove.

Teeth: Left mandibular incisor root, 1 root fragment..

Left petrous portion, left frontal process of the zygomatic bone.

50 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 right ischial tuberosity fragments (Sex: Male), 2 blade fragments

UPPER LIMB:

Humerus: 2 shaft fragments.

Ulna: 4 shaft fragment.

Radius: 5 shaft fragments.

LOWER LIMB:

Femur: 1 shaft fragment.

Tibia: 4 anterior border fragments, 2 shaft fragments.

Fibula: Right distal end fragment, 4 shaft fragments.

Foot: 1 proximal metatarsal fragment,

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11706

Bustum

Spit 2

SKULL:

Right petrous portion.

4 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 blade fragment.

Thoracic: 1 left inferior articular process.

LOWER LIMB:

Femur: 5 shaft fragments, 2 shaft fragments with linea aspera.

Tibia: 4 shaft fragments.

Fibula: 1 shaft fragment.

Foot: 1 metatarsal head, 2 left talus fragments (re-fits).

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11706

Bustum

Spit 3

SKULL:

Mandible: 1 left body fragment, lingual surface with a partial molar tooth socket.

Maxilla: 5 alveolar process fragments.

Teeth: 1 canine root, 1 incisor root, 1 left mandibular incisor root, 1 mandibular incisor root fragment, 2 crown fragments.

1 mastoid fragment.

90 cranial vault fragments.

LOWER LIMB:

Femur: 1 linea aspera fragment.

Tibia: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11706

Bustum

Spit 4

SKULL:

Teeth: 1 incisor root fragment, 1 crown fragment.

1 zygomatic bone fragment.

AXIAL SKELETON:

Innominate:

Rib: 21 body fragments, 2 right neck fragment.

Thoracic: 1 body.

UPPER LIMB:

Clavicle: 1 medial end fragment, 1 shaft fragment.

Humerus: 1 proximal shaft fragment.

Radius: 5 shaft fragments, right shaft fragment with tuberosity.

LOWER LIMB:

Femur: 3 shaft fragments, 1 postero-distal shaft fragment with linea aspera.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Clavicle, medial end fragment: moderate pitting. Degenerative joint disease.

PYRE GOODS: None.

CREMATION SUMMARY: 1 burnt flint fragment (2 g). Bone fragments are all white.

ARC NBR 98

CONTEXT NUMBER

11706

Bustum

Spit 5

SKULL:

3 occipital fragments.

13 cranial vault fragments.

AXIAL SKELETON:

Axis: Dens

Cervical: 2 bodies.

2 vertebral body fragments, 1 inferior articular process.

UPPER LIMB:

Radius: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11706

Bustum

SKULL:

Maxilla: 1 palate fragment.

Left zygomatic arch fragment, right superior margin of the external acoustic meatus.

42 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 head and neck fragment.

Thoracic: 1 superior articular process.

LOWER LIMB:

Femur: 2 shaft fragments with linea aspera, 2 shaft fragments, 3 linea aspera fragments.

Tibia: 1 shaft fragment with anterior border, 1 shaft fragment, 3 anterior border fragments.

Fibula: 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white. Some fragments are slightly abraded.

COMMENTS: No spit number. Likely to be the top of the feature since some fragments are slightly abraded.

ARC NBR 98

CONTEXT NUMBER

11709

Pyre site

SKULL:

Teeth: 5 crown fragments, 1 developing permanent premolar crown (Age: 5-7 years)

21 cranial vault fragments.

AXIAL SKELETON:

Rib: 3 body fragments.

AGE: 5-7 years

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

11710

Pyre site

SKULL:

18 cranial vault fragments.

AGE: Immature

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11711

Urned burial

SKULL:

31 cranial vault fragments.

UPPER LIMB:

Humerus: 2 shaft fragments.

LOWER LIMB:

Patella: 3 fragments.

Femur: 1 shaft fragment with linea aspera, 1 shaft fragment.

Tibia: 2 anterior border fragments, 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The majority of the 2 mm fraction was retained within the residue.

There are 2 numbers on the bags, 11711 and 11398. These bones may therefore be part of 11398 cremation. Moreover, there was no spit number on these bags but may be spit 4 since this is missing from the sequence.

ARC NBR 98

CONTEXT NUMBER

11711

Urned burial

Spit 1

UPPER LIMB:

Radius: 1 head fragment.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11711

Urned burial

Spit 2

SKULL:

1 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11711

Urned burial

Spit 3

SKULL:

1 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11711

Urned burial

Spit 5

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Spit contained mainly small pieces of spongy bone.

ARC NBR 98

CONTEXT NUMBER

11724

Redeposited pyre debris

SKULL:

Teeth: Right maxillary 2nd molar.

9 cranial vault fragments.

UPPER LIMB:

Hands: 1 distal end of a phalanx.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 4 animal bone fragments (<1 g)

CREMATION SUMMARY: All white

COMMENTS: The residue contained a very small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11728

Unurned burial or redeposited pyre debris

SKULL:

Teeth: 7 single roots, 5 molar root fragments, 7 root fragments.

Right frontal process of the zygomatic bone fragment, left incus.

24 cranial vault fragments.

AXIAL SKELETON:

Rib: 2 body fragments.

Thoracic: 1 superior articular process fragment.

UPPER LIMB:

Humerus: 1 proximal shaft fragment.

Hands: 1 scaphoid fragment.

LOWER LIMB:

Femur: 7 shaft fragments, 1 postero-distal shaft fragment.

Tibia: 1 shaft fragment.

Foot: Distal end of the proximal phalanx for 1st digit.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 3 unidentified bone fragments with iron staining, animal and bird bones (35 g).

CREMATION SUMMARY: 1 lump of slag? attached to bone (3 g), 5 burnt flint fragments (1 g), 1 piece of fuel ash slag (<1 g).

COMMENTS: The residue contained a high proportion of unidentifiable bone fragment from the 2 mm fraction

ARC NBR 98

CONTEXT NUMBER

11738

Bustum

SKULL:

Mandible: 1 body fragment.

Left petrous portion, right mandibular fossa.

4 cranial vault fragments.

AXIAL SKELETON:

Innominate: 3 fragments, 1 crest fragment..

Lumbar: 1 left inferior articular process.

Sacrum: 1st element fragment.

1 inferior articular process fragment.

UPPER LIMB:

Scapula: 2 spine fragments, 1 blade fragment.

LOWER LIMB:

Femur: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11738

Bustum

Spit 1A

SKULL:

Mandible: 1 body fragment, lingual surface with mylohyoid groove, 1 body fragment.

Maxilla: 2 alveolar fragments, lingual surface.

Teeth: 1 incisor root.

15 cranial vault fragments.

AXIAL SKELETON:

Cervical: 1 body..

UPPER LIMB:

Scapula: 1 medial border fragment, 1 glenoid fossa fragment.

Humerus: 1 antero-distal shaft fragment, 1 postero-distal shaft fragment, 2 shaft fragments.
Ulna: 3 shaft fragments.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11738

Bustum

Spit 1B

SKULL:

4 parietal fragments, 1 right frontal bone fragment, 1 supra-orbital rim fragment (Sex: Female??).

33 cranial vault fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

Ulna: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11738

Bustum

Spit 1C

SKULL:

1 frontal bone fragment

3 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 acetabulum fragment, 1 blade fragment.

Rib: 3 body fragments.

Thoracic: 1 right inferior articular process, 1 lamina fragment, 1 left inferior articular process..

LOWER LIMB:

Femur: 5 shaft fragments.

Fibula: 1 shaft fragment.

AGE: Adult

SEX: Female??

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The majority of the 2 mm fraction was retained within the residue.

ARC NBR 98

CONTEXT NUMBER

11738

Bustum

Spit 1D

SKULL:

Mandible: Right neck and condyle, 1 body fragment.

3 cranial vault fragments.

AXIAL SKELETON:

Rib: 3 body fragments.

Cervical: 1 body.

2 left inferior processes with lamina fragments, 1 inferior process fragment, 1 vertebral body fragment.

UPPER LIMB:

Humerus: 1 shaft fragment.

Ulna: 1 shaft fragment.

Radius: 1 head fragment, 3 shaft fragments.

LOWER LIMB:

Tibia: 1 shaft fragment with anterior border.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 2 animal bones (1 g).

CREMATION SUMMARY: All white

COMMENTS: The majority of the 2 mm fraction was retained within the residue.

ARC NBR 98

CONTEXT NUMBER

11738

Bustum

Spit 2

SKULL:

Mandible: 1 body fragment, lingual surface with superior and inferior mental spines.

Teeth: 2 root fragments, 1 crown fragment.

Left frontal process of the zygomatic bone.

1 cranial vault fragments.

AXIAL SKELETON:

Rib: 5 body fragments.

Thoracic: 2 right superior articular processes and pedicles, 1 left inferior articular process.

Lumbar: 1 left inferior articular process fragment.

vertebral body fragments.

LOWER LIMB:

Femur: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Animal and bird bones (2 g)

CREMATION SUMMARY: All white

COMMENTS: The majority of the 2 mm fraction was retained within the residue.

ARC NBR 98

CONTEXT NUMBER

11738

Bustum

Spit 3 A

SKULL:

1 mastoid fragment.

cranial vault fragments.

AXIAL SKELETON:

Rib: 1 body fragment/

Thoracic: 1 left inferior articular process, 1 right inferior articular process.

1 vertebral body fragment.

LOWER LIMB:

Femur: 3 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Animal bones

CREMATION SUMMARY: 8 burnt flint fragments (1 g).

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11738

Bustum

Spit 3 B

SKULL:

Teeth: 1 root fragment.

11 cranial vault fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

Ulna: 4 shaft fragments.

Radius: 2 shaft fragments.

LOWER LIMB:

Femur: 2 shaft fragments with linea aspera, 4 shaft fragments.

Tibia: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11753

Redeposited pyre debris

SKULL:

Mandible:

Maxilla:

Teeth: 1 canine root fragment, 1 incisor root fragment, 74 single root fragments, 3 molar root fragment, 2 crown fragments, left 3rd maxillary molar (Age: Over 40 years), 1 left maxillary 1st premolar root fragment, 7 root fragments.

Left supra-orbital rim fragment, 1 mastoid fragment.

23 cranial vault fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

LOWER LIMB:

Femur: 5 shaft fragments, 1 shaft fragment with linea aspera.

Tibia: 2 shaft fragments.

Fibula: 2 shaft fragments.

AGE: Over 40 years

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All bone fragments are white and small.

5 burnt flint fragments (1 g).

COMMENTS: Very large amount of residue containing a small amount of bone fragments from the 2 mm fraction and a moderate amount of small charcoal fragments.

ARC NBR 98

CONTEXT NUMBER

11754

Redeposited pyre debris

Spit 1

SKULL:

Left temporal bone fragment, left zygomatic arch.

16 cranial vault fragments.

UPPER LIMB:

Humerus: 1 shaft fragment, 1 antero-distal shaft fragment.

Hands: 1 phalanx fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 3 unidentified fragments with iron staining, 1 cranial vault fragment with iron staining.

CREMATION SUMMARY: All white

COMMENTS: The majority of the 2 mm fraction was retained within the residue.

ARC NBR 98

CONTEXT NUMBER

11754

Redeposited pyre debris

Spit 2

SKULL:

Maxilla: 1 alveolar margin fragment, lingual surface.

1 frontal bone fragment with orbital rim, left posterior part of the zygomatic arch, right frontal process of the zygomatic bone.

14 cranial vault fragments.

AXIAL SKELETON:

Rib: 1 neck fragment.

UPPER LIMB:

Humerus: 1 antero-distal shaft fragment.

Ulna: Right tuberosity fragment, 2 shaft fragments.

Radius: 1 head fragment.

Hands: 1 phalanx fragment.

LOWER LIMB:

Femur: 4 shaft fragments, 3 linea aspera fragments, 1 postero-proximal shaft fragment.

Tibia: 10 anterior border fragment, 1 shaft fragment,

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The majority of the 2 mm fraction was retained within the residue.

ARC NBR 98

CONTEXT NUMBER

11754

Redeposited pyre debris

Spit 3

LOWER LIMB:

Femur: 2 shaft fragments.

Tibia: 2 anterior border fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 1 burnt flint (1 g). All bone fragments were white.

COMMENTS: The majority of the 2 mm fraction was retained within the residue.

ARC NBR 98

CONTEXT NUMBER

11758

Urned burial

Spit 1

SKULL:

Mandible: Right coronoid process ramus and posterior part of the alveolar margin fragment with partial socket for right 2nd molar (3rd molar NP) fragment refits with body fragment, 3 body fragments, lingual surface (refits), partial tooth sockets present, right and left 1st molars lost ante-mortem, 1 body fragment, buccal surface, left coronoid process, 2 ramus fragments, 1 body fragment, inferior edge.

Teeth: 2 molar root fragments, 1st mandibular premolar crown with root fragment.

Left and right petrous portions, 9 parietal fragments, 2 frontal bone fragments, 1 occipital bone fragment, left mastoid fragment, right and left nasal bone fragments.

45 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 acetabulum fragments, 4 lade fragments.

Rib: 34 body fragments, 1 neck fragment.

Atlas: Superior articular surface fragment.

Axis: Dens fragment.

Cervical: 1 right inferior articular process and lamina fragment, 1 spinous process fragment.

Thoracic: 3 bodies, 3 left transverse processes, 2 left inferior articular processes, 1 right inferior articular process and lamina fragment, 2 spinous process fragments, 2 left superior articular processes, 2 right superior articular processes.

Sacrum: 1st element fragment.

12 vertebral body fragments, 2 inferior articular process fragments.

UPPER LIMB:

Scapula: 1 glenoid fossa fragment.

Clavicle: 1 medial end, 2 shaft fragments.

Humerus: 1 antero-distal shaft fragment, 2 shaft fragments (refits), 5 shaft fragments, 1 capitulum fragment.

Ulna: 1 right shaft fragment, 2 shaft fragments, 1 distal joint surface fragment.

Radius: 2 shaft fragments.

Hands: 2 metacarpal heads.

LOWER LIMB:

Patella: 2 fragments.

Femur: 1 left postero-proximal fragment with partial lesser trochanter, 3 shaft fragments with linea aspera (refits), 2 shaft fragment with linea aspera, 7 shaft fragments, 2 condyle fragments,

Tibia: 2 anterior border fragments, 2 shaft fragments with anterior border, 1 shaft fragment.

Fibula: 1 shaft fragment, 2 head fragments.

Foot: Right navicular, 1 talus head fragment, 1 cuneiform fragment

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: Thoracic vertebra bodies and body fragment; moderate porosity, ante-mortem tooth loss of the mandibular 1st molars.

PYRE GOODS: Animal and bird bones (70 g).

CREMATION SUMMARY: All white

COMMENTS: The majority of the 2 mm fraction was present within the residue.

ARC NBR 98

CONTEXT NUMBER

11758

Urned burial

Spit 2

SKULL:

Maxilla: 1 infra-orbital rim fragment.

2 occipital bone fragments, 2 left mastoid fragments (refits) (Sex: Male?), 1 parietal fragment, 12 cranial vault fragments.

AXIAL SKELETON:

Innominate: 4 iliac blade fragments, 2 acetabulum fragments, 1 iliac crest fragment.

Rib: 8 body fragments.

Lumbar: 1 left superior articular process.

UPPER LIMB:

Scapula: Left blade and glenoid fossa fragment, 1 spine fragment.

Humerus: Right and left heads, 9 shaft fragments, 1 right postero-distal shaft fragment, 1 capitulum fragment.

Ulna: 3 shaft fragments.

LOWER LIMB:

Patella: 1 anterior surface of left side, 1 anterior surface fragment.

Femur: 1 head fragment, 8 shaft fragments, 5 shaft fragments with linea aspera, 1 left postero-proximal shaft fragment, 1 right postero-proximal shaft fragment with partial lesser trochanter, 2 condyle fragments.

Tibia: 1 left posterior shaft fragment with nutrient foramen, 4 shaft fragments with anterior border, 1 left postero-proximal shaft fragment with soleus line, 1 right postero-proximal shaft fragment with partial soleus line, 2 shaft fragments.

Fibula: 1 left malleolus fragment, 3 shaft fragments.

Foot: 1 talus trochlear surface, 1 talal articular surface of calcaneus, 1 metatarsal head.

AGE: Adult

SEX: Male?

PATHOLOGY SUMMARY: None

PYRE GOODS: Animal and bird bones (29 g)
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11782

Unurned burial

SKULL:

Left frontal process of the zygomatic bone.

6 cranial vault fragments.

UPPER LIMB:

Humerus:

Ulna: 1 shaft fragment.

Radius: 2 shaft fragments.

LOWER LIMB:

Femur: 3 shaft fragments with linea aspera, 11 shaft fragments.

Tibia: 1 shaft fragment, 3 anterior border fragments.

Fibula: 1 shaft fragment.

Foot: 1 talus fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 unidentified bone fragment with turquoise stain, 1 unidentified bone fragment with iron stain. 9 animal bone fragment (7 g).

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11804

Redeposited pyre debris

SKULL:

Teeth: 1 incisor root fragment.

29 cranial vault fragments.

AXIAL SKELETON:

Innominate: 1 blade fragment.

Rib: 2 body fragments

1 vertebral body fragments.

UPPER LIMB:

Humerus: 3 shaft fragments.

Ulna: 2 shaft fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11824

Pyre site

Spit 1

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: Spit containing few unidentifiable bone fragments. The residue also contained a small amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

11824

Pyre site

Spit 2

SKULL:

Teeth: 1 molar root fragment, 1 canine root, 2 root fragments.

11 cranial vault fragments.

AXIAL SKELETON:

Cervical: 1 fragment.

1 vertebral body fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: 1 vertebral body fragment; moderate porosity.

PYRE GOODS: None
CREMATION SUMMARY: All white
COMMENTS: The residue contains a small amount of unidentifiable bone fragments from the 2 mm fraction

ARC NBR 98

CONTEXT NUMBER

11824

Pyre site

Spit 3

SKULL:

Teeth: Maxillary 2nd molar, 5 root fragment, mandibular incisor root, 1 crown fragment.

1 temporal bone fragment.

10 cranial vault fragments.

AXIAL SKELETON:

2 inferior articular process fragments.

UPPER LIMB:

Radius: 1 shaft fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: 1 small caries lesion, mesial side on 2nd maxillary molar.

PYRE GOODS: None

CREMATION SUMMARY: 4 pieces of fuel ash slag (1 g)

COMMENTS: The residue contained a moderate amount of unidentifiable fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11824

Pyre site

Spit 4

SKULL:

1 cranial vault fragments.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a moderate amount of unidentifiable fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11827

Redeposited pyre debris

A

SKULL:

Teeth: Right maxillary 2nd premolar root.

cranial vault fragments.

AGE: Adult?

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 3 burnt flint fragments (2 g)

ARC NBR 98

CONTEXT NUMBER

11827

Redeposited pyre debris

B

SKULL:

Left petrous portion.

10 cranial vault fragments.

AXIAL SKELETON:

Rib: 3 body fragments.

UPPER LIMB:

Humerus: 1 trochlea fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: 1 burnt flint fragment (4 g). All bone fragments were white.

ARC NBR 98

CONTEXT NUMBER

11869

Pyre site

SKULL:

1 parietal fragment.
9 cranial vault fragments.
UPPER LIMB:
Humerus: 2 antero-distal shaft fragments.
Ulna: 1 shaft fragment.
LOWER LIMB:
Fibula: 1 shaft fragment.
AGE: Adult
SEX: Unknown
PATHOLOGY SUMMARY: None
PYRE GOODS: None
CREMATION SUMMARY: All white

ARC NBR 98

CONTEXT NUMBER

11870

Unurned burial

SKULL:

Mandible: Right condyle, 1 body fragment.

Teeth: 1 left 1st mandibular molar root.

Left frontal process of the zygomatic bone, 1 left zygomatic bone fragment.

112 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 blade fragment,

Rib: 7 body fragments, 1 right neck fragment, 1 left neck fragment.

Cervical: 1 body fragment.

Thoracic: 1 right transverse process, 1 left superior articular process.

4 vertebral body fragments.

UPPER LIMB:

Humerus: 4 shaft fragments, 1 capitulum fragment, 1 left distal shaft fragment.

Ulna: 2 shaft fragments.

Radius: 2 shaft fragments.

LOWER LIMB:

Femur: 3 shaft fragments with linea aspera, 10 linea aspera fragments, 4 shaft fragments.

Tibia: 3 anterior border fragments.

Fibula: 2 shaft fragments.

Foot: 1 talus fragment.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 2 cranial fragments with turquoise stains.

9 animal bone fragments (20 g)

CREMATION SUMMARY: All white. Some fragments are moderately abraded.

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

11964

Urned burial

SKULL:

1 left petrous portion, left orbital margin of the zygomatic bone.

139 cranial vault fragments.

AXIAL SKELETON:

Rib: 6 body fragment.

UPPER LIMB:

Clavicle: left lateral end fragment.

AGE: Infant

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: 1 cranial fragment with turquoise staining.

CREMATION SUMMARY: All white

COMMENTS: 1 of 2 individuals. The unidentified bone consisted of many tubular bones (longbones) as well as spongy bone fragments.

The residue contained a moderate amount of unidentifiable bone fragments.

ARC NBR 98

CONTEXT NUMBER

11964

Urned burial

SKULL:

3 cranial fragments

AXIAL SKELETON:

Rib: 3 body fragments.

UPPER LIMB:

Humerus: 1 shaft fragment.

Hands: 1 intermediate phalanx.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: 2nd individual. There are few bones present and possibly represents a token deposit of adult bones together with complete infant. Though sex is unknown the size of the phalanx do strongly suggests that this was a female individual.

ARC NBR 98

CONTEXT NUMBER

12004

Urned burial

Spit 1

SKULL:

3 cranial vault fragments.

AGE: Unknown

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: None

CREMATION SUMMARY: All white

COMMENTS: The residue contained a small amount of unidentifiable bone fragments. Unidentified bone fragments in the 5 mm fraction group contained long bone fragments as well as small pieces of spongy bone.

ARC NBR 98

CONTEXT NUMBER

12004

Urned burial

Spit 2

SKULL:

Mandible: 1 inferior margin body fragment.

1 left frontal bone fragment, supra-orbital ridge and orbital outline (Sex: Male)

10 cranial vault fragments.

AXIAL SKELETON:

1 vertebral body fragment, 1 inferior articular process fragment, 1 superior articular process fragment.

UPPER LIMB:

Humerus: 2 antero-distal shaft fragments (re-fits), 1 shaft fragment, 1 capitulum fragment.

Radius: 1 shaft fragment.

LOWER LIMB:

Femur: 4 shaft fragments, 3 shaft fragments with linea aspera, 1 postero-distal shaft fragment/

AGE: Adult

SEX: Male

PATHOLOGY SUMMARY: None

PYRE GOODS: 7 animal bone fragments (7 g)

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

12004

Urned burial

Spit 3

SKULL:

Maxilla: 1 palate fragment with alveolar margin.

Left temporal bone with posterior zygomatic arch (Sex: Male)

10 cranial vault fragments.

AXIAL SKELETON:

Ribs: 4 body fragments.

Cervical: 1 lamina fragment with superior and inferior articular processes.

UPPER LIMB:

Humerus: 2 superio-anterior shaft fragments (re-fits, fresh break), 1 distal shaft fragment, 1 head fragment.

Ulna: 5 shaft fragments.

Radius: 1 head fragment, 2 shaft fragments (re-fits, fresh break).

LOWER LIMB:

Patella: 1 superio-anterior surface fragment

Femur: 1 shaft fragment, 1 condyle fragment.

Tibia: 1 lateral condyle, 2 condyle fragments, 1 left superio-posterior shaft fragment with inferior part of the soleus line, 1 anterior border fragment

Fibula: 11 shaft fragments.

AGE: Adult

SEX: Male

PATHOLOGY SUMMARY: None

PYRE GOODS: Animal bones (13 g)

CREMATION SUMMARY: All white

COMMENTS: Numerous small unidentified spongy bone fragments within the 5 mm fraction.

ARC NBR 98

CONTEXT NUMBER

12004

Urned burial

Spit 4

SKULL:

2 parietal fragment (re-fits, fresh break), 4 mastoid fragments.

9 cranial vault fragments.

AXIAL SKELETON:

Atlas: 1 superior articular surface fragment.

Thoracic: 1 inferior articular process fragment, 2 right inferior articular process.

1 vertebral body fragments, 1 inferior articular process fragment.

UPPER LIMB:

Scapula: 1 glenoid fossa fragment.

Radius: 1 shaft fragment.

Hands: 1 metacarpal shaft fragment, 2 distal phalanx fragments.

LOWER LIMB:

Femur: 12 shaft fragments, 1 condyle fragment, 3 postero-superior shaft fragments, 1 shaft fragment with linea aspera.

Tibia: 3 shaft fragments with anterior border (re-fits, 1 fresh break), 1 lateral border fragment, 1 shaft fragment.

Fibula: 4 shaft fragments.

Foot: 1 proximal end of a proximal phalanx for the 1st metatarsal, 1 metatarsal shaft fragment, proximal end, 1 head of a proximal phalanx for the 1st digit fragment, 1 proximal phalanx shaft fragment..

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Animal bones (11 g)

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high proportion of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

12004

Urned burial

Spit 5

SKULL:

Mandible: 1 anterior body fragment, right body fragment with external oblique line, 1 lateral body fragment, 1 body fragment.

Maxilla: 1 alveolar margin with posterior part of the sinus fragment, tooth socket for the third molar is also present.

Teeth: 5 crown fragments, 3 mandibular root fragments, 3 root fragment.

22 cranial vault fragments.

AXIAL SKELETON:

Innominate: 2 blade fragments.

Rib: 12 body fragments.

Thoracic: 2 bodies, 1 transverse process fragment,

Lumbar: 1 spinal process fragment.

3 vertebral body fragments, 1 inferior process fragment, 1 lamina fragment.

UPPER LIMB:

Scapula: 1 coronoid fragment.

Humerus: 1 proximal shaft fragment, 1 head fragment, 2 capitulum fragments, 3 shaft fragments.

Ulna: 7 shaft fragment.

Radius: 6 shaft fragments.

Hands: 1 proximal end of a proximal phalanx.

LOWER LIMB:

Femur: 2 shaft fragments with linea aspera, 6 shaft fragments, 1 head fragment.

Tibia: 3 distal shaft fragments, 1 anterior border fragment, 1 postero-proximal shaft fragment, 4 shaft fragments.

Fibula: 6 shaft fragments.

Foot: 1 1st metatarsal head, 2 talus fragments, left navicular, 3 metatarsal heads, 2 tarsal fragments, 1 intermediate phalanx fragment..

AGE: Adult

SEX: Male

PATHOLOGY SUMMARY: None

PYRE GOODS: 2 unidentified bone fragments with iron staining, 2 rib fragments with iron staining, 1 metatarsal head with iron staining.

Animal bones (8 g)

CREMATION SUMMARY: All white

COMMENTS: The residue contained a high amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

CONTEXT NUMBER

12014

Redeposited cremated remains

SKULL:

Mandible: 2 coronoid process fragment.

4 cranial vault fragments.

UPPER LIMB:

Humerus: 1 shaft fragment, 1 capitulum fragment.

Hands: 1 distal end of a proximal phalanx, 1 metacarpal shaft fragment.

LOWER LIMB:

Femur: 5 shaft fragments.

Foot: 1 distal end of a proximal phalanx for the 1st digit.

AGE: Adult

SEX: Unknown

PATHOLOGY SUMMARY: None

PYRE GOODS: Animal bones (3 g)

CREMATION SUMMARY: All white

COMMENTS: The residue contained a large amount of unidentifiable bone fragments from the 2 mm fraction.

ARC NBR 98

Context Number	Cut Number	Weight	Max. frag. size	Identifiable fragments	Colour	MNI	Age	Sex	Grave/pyre goods	Comments
11081	11080	1 g		2 cranial vault fragments	White	1	Subadult	?		
11081	11080	140 g					?	?		Residue
11173	11172	1 g		None	White	1	Subadult	?		
11173	11172	15 g			White		?	?		Residue
11165	11164	1 g		None	White	1	?	?		
11165	11164	6 g			White	1	?	?		Residue
11160	11159	7 g		None	White	1	?	?		
11160	11159	91 g			White	1	?	?		Residue
11100		38 g		None	White	1	?	?		Residue
11125		14 g								Residue, No bone present.
11759		3 g		None	White	1	?	?		1 long bone fragment.
11759		694 g								Residue
10091		2 g		1 cranial vault fragment	White	1	Adult	?		
10150		1 g		None	White	1	?	?		
10159		< 1 g		None	White	1	?	?		
10107		4 g		None	White	1	?	?		
10107		789 g								Residue
10939		1 g		None	White	1	?	?		
10946		2 g		1 ulna shaft fragment, 1 talus fragment.	White	1	?	?		
10929		2 g		None	White	1	?	?		
10929		36 g								Residue
10932		8 g		None	White	1	?	?		
10932		33 g								Residue
10945		3 g		None	White	1	?	?		
10945		45 g								Residue
10960		1 g		Left frontal process of the zygomatic bone.	White	1	?	?		
10960		53 g								Residue
10938		5 g		None	White	1	?	?		
10938		185								Residue
10804		2 g		None	White	1	?	?		
10804		93 g								Residue
10850		3 g		None	White	1	?	?		
10880		< 1 g		None	White	1	?	?		
10880		47 g								Residue
10829		< 1 g		None	White	1	?	?		
10829		10 g								Residue
10878		4 g		1 cranial vault fragment.	White	1	?	?		
10878		15 g								Residue

Context Number	Cut Number	Weight	Max. frag. size	Identifiable fragments	Colour	MNI	Age	Sex	Grave/pyre goods	Comments
10830		6 g		None	White	1	?	?		
10841		3 g		None	White	1	?	?		
10841		17 g								Residue
11767		< 1 g		None	White	1	?	?		1 fragment.
11000		4 g		None	White	1	?	?		
11000		221 g								Residue
11047		< 1 g		None	White	1	?	?		
11047		97 g								Residue
11414		< 1 g		None	White	1	?	?		
11414		21 g								Residue
11434		3 g		6 cranial vault fragments	White	1	Immature	?		
11434		53 g								Residue
11412		< 1 g		None	White	1	?	?		
11412		17 g								Residue
11609		1 g		1 left frontal process of the zygomatic bone.	White	1	Adult	?		

ARC PHL 97

Context Number	Cut Number	Weight	Max. frag. size	Identifiable fragments	Colour	MNI	Age	Sex	Grave/pyre goods	Comments
252	440	10 g	32.40 mm	None	White	1	?	?		
250		1	17.72 mm	1 incisor tooth root fragment.	White	1	?	?		
229		3 g	20.72 mm	None	White	1	?	?		
310		6 g	11.50 mm							Residue containing small amount of bone fragments.
838		1 g	21.18 mm	None	White	1	?	?		
1128		1 g	11.40 mm	None	White	1	?	?		
974		2 g	16.48 mm	None	White	1	?	?		
1220		1 g	10.62 mm	1 1st molar crown	White	1	?	?		
1140		10 g	18.28 mm	1 vertebral superior aticular process, 1 rib body fragment, 1 molar root fragment	White	1	adult	?		
1140		981 g								Residue containing very few bone fragments.
1175		1 g	28.10 mm	1 cranial vault fragment.	White	1	?	?		
941		1 g	11.94 mm	None	White	1	?	?		1 bone fragment
406		8 g	20.28 mm	None	White	1	?	?		
816		< 1 g	13.74 mm	None	White	1	?	?		1 spongy bone fragment.
912		8 g	34.72 mm	3 cranial vault fragments, 1	White	1	Adult	?		

Context Number	Cut Number	Weight	Max. frag. size	Identifiable fragments	Colour	MNI	Age	Sex	Grave/pyre goods	Comments
				humerus shaft fragment.						
594		1 g	24.52 mm	1 rib body fragment.	White	1	?	?		
596		< 1 g	10.38 mm	None	White	1	?	?		
770		< 1 g	10.00 mm	None	White	1	?	?		1 fragment.
1026		1 g	15.22 mm	None	White	1	?	?		1 fragment.
865		3 g	22.24 mm	None	White	1	?	?		
147		2 g	20.52 mm	None	White	1	?	?		
136		3 g	17.48 mm	2 cranial vault fragments	White	1	?	?		
111		< 1 g	16.22 mm	None	White	1	?	?		1 fragment
447		1 g	21.74 mm	None	White	1	?	?		1 fragment
179		< 1 g	9.42 mm	None	White	1	?	?		3 small fragments
456	451	1 g	14.92 mm	None	White	1	?	?		
494	495	8 g	21.78 mm	1 rib body fragment, 1 maxillar, alveolar margin fragment, 1 zygomatic bone fragment	White	1	Adult	?		
156		2 g	17.22 mm	1 tibia anterior border fragment	White	1	?	?		
445	438	4 g	24.92 mm	1 pedicle fragment	White	1	?	?		
445	438	253 g								Residue
709	256	< 1 g	12.72 mm	None	White	1	?	?		
709	256	81 g								Residue
712	259	1 g	19.20 mm	None	White	1	?	?		
712	259	90 g								Residue
710	257	154 g								Residue only
790	792	8 g	31.42 mm	None	White	1	?	?		
715	792	2 g	16.70 mm	None	White	1	?	?		1 fragment with turquoise stain.
779	780	4 g	33.82 mm	2 cranial vault fragments.	White	1	?	?		
779	780	585 g								Residue
884		39 g								Residue containing small amount of bone fragments.
724	720	738 g								Residue
334	333	7 g	23.84 mm	1 cranial vault fragment, 1 vertebral body fragment.	White	1	Adult	?		
1118	1117	1 g	25.32 mm	None	White	1	?	?		1 bone fragment.
999		1 g	21.32 mm	Left ulna, antero-proximal shaft fragment	Dark grey	1	Adult	?		
1147		2 g	21.32 mm	None	White	1	?	?		
1044		1 g	7.86 mm	None	White	1	?	?		
778	780	9 g	23.22 mm	1 right supra-orbital outline fragment, 1 cranial vault fragment.	White	1	subadult	?		
778	780	811 g								Residue
1019	1018	1 g	20.02 mm	None	White	1	?	?		

Context Number	Cut Number	Weight	Max. frag. size	Identifiable fragments	Colour	MNI	Age	Sex	Grave/pyre goods	Comments
797		< 1 g	11.58 mm	None	White	1	?	?		1 fragment.
658	69	< 1 g	18.24 mm	None	White	1	?	?		
943	942	2 g	23.62 mm	None	White	1	?	?		3 fragments
577		9 g	29.08 mm	2 cranial vault fragments.	White	1	Adult	?		