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GREYHOUND YARD, DORCHESTER, DORSET, 1984: MACROSCOPIC PLANT REMAINS.

Julie Jones & Vanessa Straker

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Charred plant macrofossils were examined from prehistoric contexts, and charred and mineralised material from Romano-British, medieval and post Medieval deposits.

Charcoal from the arc of large prehistoric post pits suggests that the posts were of Oak. Infrequent wheat (<u>Triticum</u>) and barley (<u>Hordeum</u>) grains were also identified.

In the Romano-British deposits food plants, cereals and fruits including fig predominate and weeds of arable and disturbed land are common.

The medieval samples from a structure thought to be a dovehouse include cereals and (unusually) charred <u>Ulex</u> (gorse) spines. Edible fruits (grapes, figs and blackberry) were found in the post medieval pit.

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#### INTRODUCTION

Samples were taken from prehistoric, Romano-British, medieval and post-medieval deposits at Greyhound Yard. The samples, which were on average  $\underline{c}$ . 20 litres in volume, were floated over a 1mm nylon mesh. The residue was collected on the 1mm mesh and the float collected in a 250 micron mesh sieve. Both float and residue were completely sorted for plant remains and small bones. The seeds were, in most cases, preserved by charring but mineralised seeds were present in some of the Romano-British deposits.

#### PREHISTORIC (Table 1)

Fourteen of the pits in the arc of large post pits excavated in the earliest phase on the site were included in the analysis, comprising 44 samples in total. Most of these contained charcoal only, which consisted mainly of fragments of mature Oak (Quercus sp.). The only other taxa recorded were single fragments of *Prunus* (plum, cherry or sloe) and Pomoidae (hawthorn group). This suggests that the posts originally present in the pits were of Oak and the fact that at least above ground some of the posts were burnt (Woodward *et al.*, 1984), accounts for the presence of the charcoal. There are very occasional charred cereals (wheat and barley) and seeds of elder and grasses and these are all found in the post pipes and a subsidence hollow. Presumably these relate to the phase of agricultural activity which post-dated the use of the monument and the charred cereals and seeds were washed down/ transported by earthworms into voids formed by the rotting of the unburnt parts of the posts.

#### ROMANO-BRITISH (Table 2)

Most of the deposits sampled are from the first century phase of occupation and are from 16 storage shafts which were subsequently used as cess pits (Woodward *et al.* 1984). Plant remains were not plentiful but included a range of cereals; oats, (Avena sp.) barley (Hordeum sp.) and spelt wheat (Triticum spelta) in the form of grains and chaff. In addition, a number of plants which may have grown as weeds of cultivated ground such as Stitchwort (*Stellaria media* agg.), Chickweed (*Cerastium* sp.), Plantains (*Plantago* spp.) and cleavers (*Galium* sp.).

carbonised seeds. As well as the a number preserved by mineralisation were also found in the pits. The of process mineralisation has been described by Green (1979) and Carruthers (forthcoming). The presence of calcium, phosphate and semi-liquid conditions are necessary for mineral replacement of the plant tissue to occur and these conditions would have been common in cess pits. Mineralised seeds have been found on sites of Bronze Age date and later in Britain, but are most common on medieval sites (Carruthers forthcoming; Girling and Straker forthcoming and Green 1979).

The plants represented were mostly common food plants as might be expected in a cess pit and included apple or pear (*Malus/Pyrus*), plum, sloe or cherry (*Prunus*) and fig (*Ficus carica*). Fig, which is not native to Britain, has been found on a number of Roman sites and may be from imported fruit or possibly introduced plants (Greig, 1983). One or two seeds of dyer's rocket and sorrell (*Reseda luteola* and *Rumex* sp.), common waste ground plants, were also preserved in mineralised form.

To summarise, the pits contain charred crop waste, food plants from cess and occasional weeds of waste ground from plants growing in the vicinity of the pits.

The later Roman material comes from the fill of a grave, 4 wells and the fill of a drain. With the exception of a few seeds in the drain fill and wells, all are carbonised. The wells contained mostly barley and some wheat with weeds of cultivated ground including plantain, brome (Bromus sp.) and sheep's sorrell (Rumex acetosella agg.). Sheep's sorrell is usually characteristic of acid ground rather than the chalk soils of the immediate vicinity, however with such a small assemblage it not possible to use the weed flora to suggest where the crop was grown.

The grave contained only charred cereals and how they became incorporated in the fill is uncertain.

Grains of barley and wheat were found in the fill of the drain, presumably discarded as rubbish. Knotgrass (<u>Polygonum aviculare</u>) and sorrell (<u>Rumex</u> sp.) were present in low numbers as well as grassland taxa such as self heal (*Prunella vulgaris*) and clover (*Trifolium* sp.).

A few seeds of plants usually associated with damp or wet conditions were present in all the Romano-British phases and could possibly suggest the cultivation of low-lying ground (Jones, 1981), but in the small samples of the present study, their origin as roofing or flooring material or even possibly burnt hay cannot be ruled out.

#### MEDIEVAL (Table 3)

Almost all the samples came from nest boxes associated with a substantial circular structure which may possibly be the dovehouse known to have been present in 1405 (Woodward et al. 1984). All the plant remains were charred and are presumably the burnt remains of the food of the doves. This material consists principally of the grains of oats, barley and wheat and these are accompanied by small numbers of weed seeds some of which are most likely to have been crop weeds. Anthemis cotula (stinking mayweed) is a weed of heavy arable soils and farmyards, whereas wild radish (Raphanus raphanistrum) is common in calcareous soils. Most notable however are the large numbers of charred gorse spines (Ulex europaeus). Gorse is a plant of acid heathland and grassland soils and would have been collected some way from the site. It has been noted occasionally on medieval sites and apparently was known as a good source of fuel for bread ovens (M.Robinson, pers. comm.). How it came to be present in the nest boxes is a mystery unless the birds were fed on the sweepings from bread ovens from time to time.

The only medieval pit examined contained a few charred cereals and remains of mineralised *Prunus* stones.

#### POST-MEDIEVAL Table 4

Two layers of fill from a pit were examined and their contents are listed in Table 4. The principal components were large numbers of blackberry and fig seeds and a few grape pips, some of which were mineralised. This sort of assemblage is typically found in cess pits and garderobes.

#### **ACKNOWLEDGEMENTS**

We are grateful to Mark Robinson for identifying the gorse spines.

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GREYHOUND YAKS TABLE 1

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PIT	CONTEXT	S.F.No.	DESCRIPTION	CONTENTS	CHARCOAL IDENTIFICATION
				•••••••••••••••••••••••••••••••••••••••	
1631	1642	665,6	mid fill of post pipe	charcoal, ?seed	Quercus sp. and fragment Pomoidae
1631	1653	667,8	lower fill of post pipe	charcoal, ? seed	Quercus sp.
1635	1641	659,60	top & base w. cone	charcoal flecks, grain (top)	
1635	1649	661,2	fill of post pipe	charcoal, s <del>ee</del> ds	Quercus sp. and undentified twig
1635	1656	663,4	fill of post pipe	charcoal, seeds	
4163	4333	769	fill of post pipe	charcoal	Quercus sp.
4276	4285	809	backfill of post pit	nothing	······································
4324	4365	794	fill of post pipe	charcoal	Quercus sp.
4324	4330	795	fill of post pipe	charcoal, seed	
4324	4382	796	backfill of post pit	charcoal flecks	
4324	4368	797	fill of ? recut post pit	charcoal flecks	
4384	4524	801	fill of post pipe	charcoal	Quercus sp.
4384	4525	799	fill of post pipe	charcoal	
4384	4399	800	fill of post pipe	charcoal	
4503	4554	812	fill of post pipe	charcoal	Quercus sp.
4503	4549	813	backfill of post pit	charcoal	Quercus sp.
4503	4564	814	backfill of post pit	nothing	·····
4540	4546	834	fill of post pipe	not found	
4540	4567	835	fill of post pipe	charcoal flecks	•••••••••••••••••••••••••••••••••••••••
4642	4641	870	fill of ? disturbance	charcoal flecks	•••••••••••••••••••••••••••••••••••••••
4801	4809	847	fill of post pipe	charcoal	Quercus sp. Oak
4801	4806	862	fill of post pipe	charcoal	
4801	4808	863	fill of post pipe	charcoal	•••••••••••••••••••••••••••••••••••••••
4801	4803	866	fill of subsidence hollow	charcoal, cereal	•••••••••••••••••••••••••••••••••••••••
4801	4813	867	fill of post pipe	charcoal flecks	
4801	4815	868	backfill of post pit	charcoal flecks	
4801	4816	869	fill of post pipe	nothing	
 4822	4827	855	backfill of post pit	charcoal, cereal	••••••
4822	4828	856	backfill of post pit	not found	••••••
4822	4839	857	backfill of post pit	charcoal flecks	

I CONT. TABLE \_\_\_\_\_ 4822 4838 859 fill of post pipe charcoal Quercus sp. \_\_\_\_\_ **86**0 Hill of post pipe 4822 4834 char coal 4822 4835 861 fill of post pipe charcoal, seeds -----backfill of post pit 4843 4856 850 charcoal flecks 4843 4848 853 fill of post pipe charcoal 4843 4846 854 backfill of post pit charcoal 4864 4880 849 backfill of post pit charcoal flecks ...... 4864 4867 851 backfill of post pit charcoal flecks 4864 4881 872 ?backfill of post pit charcoal 4864 4875 873 ?backfill of post pit charcoal Quercus sp. 4885 4902 892 primary fill of post pipe charcoal Quercus sp. \_\_\_\_\_ 904 primary fill of post pipe charcoal 4885 4893 Quercus sp. ...... 4885 4947 905 backfill of post pit not found \_\_\_\_\_ PIT CONTEXT CEREALS AND WEEDS \_\_\_\_\_ 1631 1642 unidentified ?seed (1) 1631 1653 unidentified (1) 1635 1641 Triticum aestivum/dicoccum, Breadwheat/Emmer (1) \_\_\_\_\_ 1649 Triticum sp. (1); Triticum/Hordeum (1); Sambucus nigra, Elder (1) 1635 \_\_\_\_ 1635 1656 unidentified seeds (2); Gramineae, Grass (1); possible cereal sprout (1); bone fragments \_\_\_\_\_ 4163 4333 4276 4285 4324 4365 Gramineae (1) 4324 4330 4324 4382 \_\_\_\_\_ 4324 4368 4384 4524 4384 4525 \_\_\_\_\_\_ 4384 4399 \_\_\_\_\_ 4503 4554 \_\_\_\_\_ 4503 4549 \_\_\_\_\_ 4503 4564 ------4540 4546

## GREYHOUND YARD: MACROSCOPIC PLANT REMAINS: ROMANO - BRITISH

THELE 2 CEREALS

#### TAXON

IDAVA						
c.f. Avena sp. grain	cf. Oats	6	0	0	0	0
Avena sp. grain	Oats	0	0	4	0	0
Avena sp. floret base fragment		0	0	0	0	0
Avena/Bromus	Oats/Brome	0	0	0	0	0
Cereal sp. grain		4	4	2	4	0
Cereal sp. stem internodes		0	0	0	0	0
Hordeum sp. grain	Barley	8	0	6	1	0
cf. Hordeum sp. grain	cf. Barley	0	2	0	0	0
7. dicoccum/spelta glume bases	Emmer/Spelt	0	0	10	0	0
cf. Triticum sp. grain	Wheat	0	0	0	0	0
Triticum sp. grain		1	0	0	2	2
Triticum sp. glume bases		0	2	17	0	0
Triticum sp. glume fragments		0	0	4	0	0
Triticum sp. rachis fragments		0	0	5	0	0
T. spelta glume bases	Spelt	0	0	0	0	0
Triticum/Hordeum sp. grain	Wheat/Barley	0	0	9	0	0

WEEDS

FAMILY	TAXON	COMMON NAME	HABITAT					
CARYOPHYLLACEAE	Cerastium sp.	Chickweed	v	0	0	0	1	0
	Silene sp.	Campion	V	0	2	0	78	0
	Stellaria media agg.	Stitchwort	D,Da	0	0	1	21	0
	Stellaria sp.	Stitchwort, Chickwee	dV	0	5	0	0	0
CHENOPODIACEAE	gen. et sp. indet.			0	0	0	0	0
COMPOSITAE	Anthemis cotula L.	Stinking mayweed	D,Da	0	0	0	0	0
CORYLACEAE	Corylus avellana L. (fragments)	Hazel	W,S	0	0	1	0	0
CYPERACEAE	Carex sp.	Sedge	V(damp)	0	0	0	0	0
	Carex sp(p)	Sedge(s)	V(damp)	0	0	0	0	0
	Eleocharis palustris/uniglumis	Spikerush	м	0	0	0	0	0
GRAMINEAE	Bromus cf. mollis agg.	Brome	D,G	0	0	0	0	0
	Bromus sp.	Brome		0	0	0	0	0
	gen. et sp. indet.			0	0	0	2	0
	Nentha sp.	Mint	V	0	0	0	1	0
	Prunella vulgaris L.	Self heal	D,G	0	0	0	0	0
	gen. et sp. indet.		M	0	0	0	0	0
LEGUMINOSAE	Lathyrus/Vicia sp.	Vetch/Tare	v	0	0	0	0	0
	cf.Lathyrus/Vicia sp.	cf. Vetch/Tare	V	0	0	0	0	0
	Trifolium sp.	Clovar	V	0	0	0	0	0
LEMNACEAE	cf. Lemna sp.	Duckweed	A	0	0	0	0	0
MORACEAE	Ficus carica L.	Fig	C	0	0	0	0	0
PLANTAGINACEAE	Plantago cf. ianceolata L.	Ribwort plantain	G	0	0	0	0	0
	P. major L.	Great plantain	0	0	0	0	2	0
	P. cf. media L.	Hoary plantain	G	0	0	0	0	0
POLYGONACEAE	Polygonum aviculare agg	Knotgrass	D,Da	0	0	0	0	0
	Rumex acetosella agg.	Sheep's sorrell	Da,G,acid	0	0	0	0	0
	Rumex sp.	Sorrell	V	0	2	0	1	0
RANUNCULACEAE	Ranunculus sp.			0	0	0	2	0
RESEDACEAE	Reseda luteola L.	Dyer's rocket	D,Da,calc	0	0	0	0	0
ROSEACEAE	Malus/Pyrus sp.	Apple/Pear	W,H,C	0	0	0	0	0
	Prunus sp.	Plum/Cherry/Sloe	W,H,C	0	0	0	0	0
RUBIACEAE	Galium cf. aparine L.	Cleavers	D,Da,H	0	0	0	0	0
	Galium sp.	Bedstraw	v	0	0	0	0	0
UMBELLIFERAE	Apium sp.		H	0	0	0	0	0
UNIDENTIFIED	Seeds			0	9	4	0	0
	Buds			0	0	0	0	0
	indet.			0	0	0	0	0
TOTAL				 19	26	63	115	2

G - grassland; H - hedges; M - marshes, ponds, ditches; W - woods, scrub; h - hulled; m - mineralised; V - various; () within same feature

		- 105	-									•
CEREALS		688	689	698 (	693	694	702)	716	721	(766	777)	
TAXON				•••••						(		
c.f. Avena sp. grain	cf. Oats	0	0	0	0	0	0	0	0	0	0	
Avena sp. grain	Oats	Ŭ	Ō	0	0	0	1	Ó	0	0	ů.	
vens sp. floret base fragment		ñ	n	ก้	ñ	ົ		ů.	ō	n	ň	
	Osto /Broze	۰ ۱	۰ ۱	0	ň	n n	0	2	ň	1	0	
Rvena/bionus		Ň	Ň	0	Ň	ň	0	5	ň	0	ň	
Lereal sp. grain		0	0	U A	0	0	0	2	~	0	0	
cereat sp. stem internodes	<b>9</b> 1	0	0	U O	0	0	0	ý	, ,	•	0	
Hordeum sp. grain	Barley	U	U	U	U	U	U	4	2	1	U	
cf. Hordeum sp. grain	cf. Barley	0	0	0	0	0	0	0	0	0	0	
T. dicoccum/speita glume bases	Emmer/Spelt	0	0	0	0	0	5	5	0	0	0	
cf. Triticum sp. grain	Wheat	0	0	0	0	0	0	0	0	0	0	
Triticum sp. grain		0	0	0	0	0	0	1	0	Ç	0	
Triticum sp. glume bases		0	0	0	0	0	4	0	1	0	0	
Triticum sp. glume fragments		0	0	0	0	0	2	0	0	0	0	
Triticum sp. rachis fragments		0	0	0	0	0	3	0	0	0	0	
r. spelta glume bases	Spelt	0	0	0	0	0	4	9	0	0	0	
Triticum/Hordeum sp. grain	Wheat/Barley	0	0	0	0	0	0	0	0	0	0	
ÆEDS												
FAMILY	TAXON											
	Ferentim en	٥	n	n	n	n	ń	٥	n	n	n	
	Silana en	, ,	ň	n n	n n	ñ	ň	ñ	n n	n	ň	
	Stilene sp.	0	0	0	0	0	0	0	0	0	0	
	Stellaria media agg.	0	0	U O	0	0	0	U A	0	0	0	
	Stellaria sp.	U	U	0	0	U	0	0	Ű	U O	0	
CHENOPODIACEAE	gen. et sp. indet.	0	1	0	0	U	0	0	0	0	0	
COMPOSITAE	Anthemis cotula L.	0	0	0	0	Q	0	0	0	Q	Q	
SORYLACEAE	Corylus aveilana L. (fragments)	0	0	0	0	0	0	1	0	0	0	
CYPERACEAE	Carex sp.	0	0	0	0	0	0	0	0	0	0	
	Carex sp(p)	0	0	0	0	0	0	0	0	0	0	
	Eleocharis palustris/uniglumis	0	0	0	0	0	0	0	0	0	0	
GRAMINEAE	Bromus of, mollis agg.	0	1	0	0	0	0	0	0	0	0	
	Bromus sp.	0	0	0	0	0	1	0	0	0	0	
	gen. et sp. indet.	0	1	0	0	1m	0	0	0	0	0	
	Mentha sp.	0	0	0	0	0	0	0	0	0	0	
	Prunella vulgaris L.	0	0	0	Ô	Ô	0	0	Ó	0	0	
	cen et sp. indet	ů.	0	ň	n n	ů.	n	Ô	0	0	0	
FORMINGAE	Lethypus/Vicin en	ň	ň	ŏ	ň	ň	ň	1	ň	0	ň	
LEGONINOSAE	Lathyrus/Vicia sp.		0	<u> </u>	Ň	ő	~	י ה	ŏ	Ň	0	
	ct.Lathyrus/vicia sp.	0	0	Ű	0	0		0		0	0	
	Tritolium sp.	U	Ų	U	U	U	0	U	U	U -	0	
LEMNACEAE	cf. Lemna sp.	0	0	0	0	0	0	0	0	0	0	
HORACEAE	Ficus carica L.	0	0	0	3	2	0	0	0	0	Q	
PLANTAGINACEAE	Plantago cf. lanceolata L.	0	0	0	0	0	Q	0	0	0	0	
	P. major L.	0	0	Ō	0	0	0	0	0	0	0	
	P. cf. media L.	0	0	0	0	0	0	0	0	0	0	
POLYGONACEAE	Polygonum aviculare agg	0	0	0	0	0	0	0	0	0	0	
	Rumex acetosella agg.	0	0	0	0	0	0	0	0	0	0	
	Rumex sp.	0	0	0	0	1m	0	0	0	0	0	
RANUNCULACEAE	Ranunculus sp.	0	0	0	0	0	0	0	0	0	0	
RESEDACEAE	Reseda Luteola L.	0	Ó	0	Ó	0	0	0	0	0	0	
	Halue / Puris en	ň	- 0	ñ	n	- 4m	- n	-	Ô	n 0	0	
NULAUERE	Denenis en	ň	ň	л Л	n	4m	ň	n	ñ	ň	ň	
	riunus ope	4	۰ ۱	v ^	۰ د	- -	v n	۰ ۲	1	- -	n N	
KUBIACEAE	ualium cr. aparine L.	1	0	ů v	0	0	0	4	۰ ^	~	۰ ۱	
	Gallum Sp.	U	U	U	Ű	U A	0	1	Ű	0	Ű	
UMBELLIFERAE	Apium sp.	0	Q	0	0	0	0	0	0	0	U	
JNIDENTIFIED	Seeds	1	0	0	0	0	0	0	3	0	1	
	Buds	0	0	0	0	0	0	0	0	0	0	
	indet.	0	0	0	0	0	0	0	0	0	0	

## GREYHOUND WARD THELE 2 CONT.

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CEDEAL S		7807	843	RLA	848	(874	875	885	8861	1902	1	4011S
LEREALS TAYON		(007	U.P.U	040	040	(0/4	012	005	0007	(702	903)	010
r f svers sp. grain	cf. Oats	0	1	0	0	0	0	0	0	0	0	0
Avena sp. grain	Oats	Ő	0	0	0	0	0	0	0	Ō	0	0
Avena sp. floret base fragment		Ő	Ō	Ő	0	0	0	0	0	0	0	0
Avena/Bromus	Oats/Brome	0	0	1	0	0	0	0	1	1	0	0
Cereal sp. grain		1	0	0	0	0	0	0	0	1	0	0
Cereal sp. stem internodes		0	0	0	0	0	0	0	0	0	0	0
Kordeum sp. grain	Barley	0	1	0	0	0	0	0	0	0	2	0
cf. Hordeum sp. grain	cf. Barley	0	0	0	0	0	0	0	0	0	1	0
T. dicoccum/speita glume bases	Emmer/Spelt	1	0	0	0	0	0	0	0	0	0	0
cf. Triticum sp. grain	Wheat	0	0	0	0	0	0	0	0	0	2	0
Triticum sp. grain		0	0	0	0	0	0	0	0	0	0	1
Triticum sp. glume bases		0	0	0	0	0	0	0	0	0	0	0
Triticum sp. glume fragments		0	0	0	0	0	0	0	0	0	0	0
Triticum sp. rachis fragments		0	0	0	0	0	0	0	0	0	0	0
T. spelta glume bases	Spelt	0	0	0	0	0	0	0	0	0	0	0
Triticum/Hordeum sp. grain	Wheat/Barley	0	0	0	0	0	0	0	0	0	0	0
WEEDS												
PAUTIN	TAVON											
PARILI PARYODUVI I NORAE	Connetium en	ń	n	0	•	•	ń	0	n	٥	n	n
CARTOPHILLACEAE	Cilena en	0	n	ň	n	ň	ň	n o	ů.	n N	ň	ů.
	Stallaria modia enn	ň	ň	n	ň	ň	n	ň	ň	n n	ň	ñ
	Stallaria en	ň	n n	ň	n n	ົ້	ň	n n	ñ	ň	0	n
	nen et sp. indet.	ñ	n n	ň	0	n n	Ő	0	Ő	0	0	ů.
CONDOCITAE	Anthemic cotula 1	0	ñ	ů.	n n	ň	ō	0 0	Ő	ñ	0	Ő
	Corvius aveliana L. (fragments)	õ	ō	ō	õ	Ő	0	Ő	0	0	0	ō
	Carex SD.	0	0	0	0	1m	0	Ó	0	0	0	0
016 LUNDERL	Carex SD(D)	0	0	0	0	0	0	0	0	0	0	0
	Eleocharis palustris/uniglumis	Ō	Ő	Ō	Ō	Ő	0	0	Ō	0	0	0
GRAMINEAE	Bromus of, mollis agg.	0	0	Ō	0	0	0	0	0	0	0	0
	Bromus sp.	Ō	0	Ō	0	Ō	0	0	0	0	0	
	gen, et sp. indet.	0	0	Ó	0	0	0	0	0	0	0	0
	Mentha sp.	0	0	0	0	0	0	0	0	0	0	0
	Prunella vulgaris L.	0	0	0	0	0	0	0	0	0	0	0
	gen. et sp. indet.	0	0	0	0	0	0	0	0	0	0	0
LEGUMINOSAE	Lathyrus/Vicia sp.	0	0	0	0	0	0	0	0	0	0	0
	cf.Lathyrus/Vicia sp.	0	0	0	0	0	0	0	0	0	0	0
	Trifolium sp.	0	0	0	0	0	0	0	0	0	0	0
LENNACEAE	cf. Lemna sp.	0	0	0	0	0	0	0	0	0	0	0
MORACEAE	Ficus carica L.	0	0	0	0	0	0	0	0	0	0	0
PLANTAGINACEAE	Plantago cf. lanceolata L.	0	0	0	1	0	0	0	0	0	0	0
	P. major L.	0	0	0	0	0	0	0	0	0	0	0
	P. cf. media L.	0	0	0	0	0	0	0	0	0	0	0
POLYGONACEAE	Polygonum aviculare agg	0	0	0	0	0	0	0	0	0	0	0
•	Rumex acetosella agg.	0	0	0	0	0	0	0	0	0	0	0
	Rumex sp.	0	0	0	0	1	0	1,1m	0	0	0	0
RANUNCULACEAE	Ranunculus sp.	0	0	0	0	0	0	0	0	0	0	0
RESEDACEAE	Reseda luteola L.	0	0	0	0	0	0	1m	0	0	0	0
ROSEACEAE	Malus/Pyrus sp.	0	Q	0	0	Û	0	0	0	0	0	0
	Prunus sp.	0	0	0	0	0	0	0	0	0	0	0
RUBIACEAE	Galium cf. aparine L.	0	0	0	0	0	0	0	0	0	0	0
	Galium sp.	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	Apium sp.	0	0	0	0	0	0	1	0	0	0	0
UNIDENTIFIED	Seeds	0	1	0	1,1m	0	0	2,5m	0	0	3	1
	Buds	0	0	0	0	0	0	0	0	0	0	0
	indet.	0	0	0	0	0	0	0	0	0	0	0
••••••		*****					•••••					•••••
TOTAL		2	3	1	3	2	0	11	1	2	8	2
		*****									*****	

GREYNOUNS YARD TAB	LE Z CONT.	wells									drai	'n
CEREALS		(680	682)	681	(727	728	738	739	740	759)	(837	838
TAXON												
৫.শ. Avena sp. grain	cf. Oats	0	0	0	0	0	0	0	0	0	0	¢
Avena sp. grain	Oats	0	0	0	0	0	0	0	0	0	1	4
Avena sp. floret base fragment		0	0	0	0	0	0	0	0	0	0	Ç
Avena/Bromus	Oats/Brome	0	0	0	0	0	0	0	0	0	0	¢
Cereal sp. grain		0	0	0	0	0	0	1	0	0	8	2
Cereal sp. stem internodes		2	0	0	0	0	0	0	0	0	0	(
Hordeum sp. grain	Barley	0	Q	1	0	9	4	14	2	1	7	2
cf. Hordeum sp. grain	cf. Barley	0	0	0	0	0	0	1	0	0	0	4
T. dicoccum/spelta glume bases	Emmer/Spelt	0	0	1	0	0	0	0	0	0	0	0
cf. Triticum sp. grain	Wheat	0	0	0	0	0	0	0	0	0	0	(
Triticum sp. grain		2	0	0	0	0	U	0	0	0	1	
Triticum sp. glume bases		U A	0	0	0	0	0	0	0	0	U Q	( ,
Triticum sp. glume tragments		0	U A	0	0	0	0	0	0	0	U n	
T spalte mine bases	Coolt	0	0	0	U 0	0	0	0	0	0	0	ر د
Thitieum/Nordeum sp. stein	Spert Uboot /Rankov	0	Л	0	0	0	0	0	ň	0	0	
Triticult sofueun sp. gram	wileal/barley	U	U	U	U	Ū	U	v	Ŭ	U	U	Ļ
WEEDS								•				
EAUTI V	TAVON											
	Cerestium sp.	n	Ô	ń	٥	٥	٥	0	0	0	٥	Ċ
- MART OF THE LANGERL	Silene sn.	n	ů.	ő	0	0	Ő	Ő	Ō	0	0	ć
	Stellaria media agg.	0	ů.	Ő	ů	0	Ō	0	ō	0	0	
	Stellaria sp.	0	Ő	0	0 0	0	Ō	Ō	Ō	Ō	0	(
CHENOPODIACEAE	gen, et sp. indet.	0	0	0	0	0	0	0	0	0	0	(
COMPOSITAE	Anthemis cotula L.	0	0	0	0	0	0	0	0	0	0	(
CORYLACEAE	Corylus avellana L. (fragments)	0	0	0	0	Q	1	0	0	0	0	1
CYPERACEAE	Carex sp.	0	0	0	0	0	0	0	0	0	0	1
	Carex sp(p)	0	0	0	0	0	0	0	0	0	0	(
	Eleocharis palustris/uniglumis	0	1	0	1	0	0	0	0	0	0	(
GRAMINEAE	Bromus cf. mollis agg.	0	01	1,16m	0	0	0	0	0	0	0	(
	Bromus sp.	0	0	0	0	0	0	0	0	0	0	(
	gen. et sp. indet.	0	0	Û	0	0	0	0	0	0	0	
	Mentha sp.	0	0	0	0	0	0	0	0	0	0	(
	Prunella vulgaris L.	0	0	0	0	0	0	0	0	0	0	
	gen, et sp. indet.	0	0	0	0	0	0	0	0	0	0	(
LEGUNINOSAE	Lathyrus/Vicia sp.	0	0	0	0	0	1	0	0	0	0	(
	cf.Lathyrus/Vicia sp.	0	0	0	0	0	0	0	0	1	0	(
	Trifolium sp.	0	0	0	0	0	0	0	0	0	0	(
LENNACEAE	cf. Lemna sp.	, 0	0	0	0	0	0	0	0	0	0	
HORACEAE	Ficus carica L.	0	0	0	0	0	0	U	U A	0	U A	l
PLANTAGINACEAE	Plantago cf. lanceolata L.	0	0	U	U A	0	Ű	0	0	U	0	1
	P. major L.	0	0	U 4	0	0	U A	0	0	0	0	
	P. CT. Media L.	0	0	1	v A	0 0	ں ^	0	0	0	v n	
POLTGORACEAE	Polygonum aviculare agg	0	0	0	4	0	0	0	0	0	0	,
	Rumex acetosetta agg.	0	0	0	י ח	n n	4	0	۰ ۱	0	0	
	Rumex sp.	0	0	0 0	n	0	י ח	0	0	n D	0	1
READACEAE	Renorda Luteois i	0	ň	0	0	ň	ň	۰ ۵	ň	n o	ů.	Ì
		0	ñ	n	0	ů ů	n	ñ	0	n	Ő	, r
RUSEALERE	Halus/Fyius ap.	n n	n	ň	ň	ň	ñ	n	Ó	0	ň	1
	clana ap. Galium of, aparine 1.	ů N	0	0 0	0	1	0	ŏ	ō	ŏ	ŏ	Ì
~~~******	Galium sp.	0	ů.	1m	ō	0	Õ	0	0	Ō	Ō	
LIMBELL IFERAF	Apium sp.	n	Ō	0	0	Ō	Ō	0	Ō	0	0	(
UNIDENTIFIED	Seeds	1	Ō	2m	Ō	Ō	1	Ō	2	0	0	
and a set of	Buds	, 0	ō	0	Ō	Ū	1	Ō	0	0	0	(
	indet.	0	Ō	1	0	3	Ó	1	0	0	0	1
TOTAL	*****						•••••					
		5	1	4	2	13	9	17	4	2	23	2

# GRETHOUND YARD TABLE 2 CONT.

CEREALS		below					
TAXON		839	840)	828			
elf. Avena sp. grain	cf. Dats	0	0	0			
Avena sp. grain	Oats	0	1	0			
Avena sp. floret base fragment		0	0	0			
Avena/Bromus	Oats/Brome	0	0	Û			
Cereal sp. grain		0	1	0			
Cereal sp. stem internodes		0	0	0			
Hordeum sp. grain	Barley	2	4	0			
cf. Hordeum sp. grain	cf. Barley	0	0	0			
T. dicoccum/speita glume bases	Emmer/Spelt	0	0	0			
cf. Triticum sp. grain	Wheat	0	0	0			
Triticum sp. grain		0	1	0			
Triticum sp. glume bases		0	0	0			
Triticum sp. glume fragments		0	0	0			
Triticum sp. rachis fragments		0	1	0			
T. spelta giume bases	Speit	0	0	0			
Triticum/Hordeum sp. grain	Wheat/Barley	0	0	0			

#### MEEDS

FAMILY	TAXON				
CARYOPHYLLACEAE	Cerastium sp.	0	0	0	
	Silene sp.	0	0	0	
	Stellaria media agg.	0	0	0	
	Stellaria sp.	0	0	0	
CHENOPODIACEAE	gen, et sp. indet.	0	0	0	
COMPOSITAE	Anthemis cotula L.	0	0	1	
CORYLACEAE	Corylus avellana L. (fragments)	0	0	0	
CYPERACEAE	Carex sp.	0	lm	0	
	Carex sp(p)	0	2	0	
	Eleocharis palustris/uniglumis	0	0	0	
GRAMINEAE	Bromus cf. mollis agg.	0	0	0	
	Bromus sp.	0	0	0	
	gen. et sp. indet.	0	1	0	
	Mentha sp.	0	0	0	
	Prunella vulgaris L.	0	0	0	
	gen. et sp. indet.	0	0	0	
LEGUMINOSAE	Lathyrus/Vicia sp.	0	0	0	
	cf.Lathyrus/Vicia sp.	0	0	0	
	Trifolium sp.	1	0	0	
LEMNACEAE	cf. Lemna sp.	0	0	0	
MORACEAE	Ficus carica L.	0	0	0	
PLANTAGINACEAE	Plantago cf. lanceolata L.	0	0	0	
	P. major L.	0	0	0	
	P. cf. media L.	0	0	0	
POLYGONACEAE	Polygonum aviculare agg	0	0	0	
	Rumex acetosella agg.	0	0	0	
	Rumex sp.	0	1	0	
RANUNCULACEAE	Ranunculus sp.	0	0	0	
RESEDACEAE	Reseda luteola L.	0	0	0	
ROSEACEAE	Malus/Pyrus sp.	0	0	0	
	Prunus sp.	0	0	0	
RUBIACEAE	Galium cf. aparine L.	0	0	0	
	Galium sp.	0	0	0	
UMBELLIFERAE	Apium sp.	0	0	0	
UNIDENTIFIED	Seeds	2	6	0	
	Buds	0	0	0	
	indet.	0	0	0	
			40		

TOTAL

5 19 1

#### CEREALS

		nest b	oxes-	***					****						-to	təl	pît
TAXON			635 6	36	637	638	639	641	642	643	644	645	646	647	64	8	669
Avena sp.grain	Oats		7	1	0	0	7	1	1	0	1	1	0	0	0	19	0
Avena sativa floret base	Oats		0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
Avena/Bromus	Oats/Brome		0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Cereal sp. grain			6	3	3	1	0	2	0	0	0	0	0	0	0	15	0
Hordeum sp. grain	Barley		12	0	1	3	3	2	1	1	4	h	1	0	0	28	2
c.f. Hordeum sp. grain	cf. Barley		0	0	0	0	0	0	0	0	0	0	0	0	0	ŋ	1
T. cf. aestivum s.l. grain	Bread wheat		3	0	0	0	0	0	0	0	0	0	0	0	0	3	0
cf. Triticum sp. grain	cf. Wheat		0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Triticum sp. grain	Wheat		9	2	1	1	0	0	4	3	3	1	1	0	0	25	5
Triticum sp. glume base	Wheat		0	0	0	1	0	0	0	0	0	0	1	0	1	3	0
Triticum sp. rachis internode	Wheat		0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
Triticum/Hordeum sp. grain	Wheat/Barley		4	0	0	0	0	0	0	0	0	0	0	0	0	4	0

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#### WEEDS

FAMILY	TAXON	COMMON NAME	HABITAT															
COMPOSITAE	Anthemis cotula L.	Stinking mayweed	D,Da	14	0	0	0	0	0	0	0	0	0	0	0	0	14	0
CORYLACEAE	Corylus avellana L. (fragments)	Hazel	w,s	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
CRUCIFERAE	Brassica sp(p)	Mustard,rape etc.	v	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	Raphanus raphanistrum L.(pod frag.)	Charlock	D,Da	1	0	0	0	0	0	0	0	0	0	0	1	0	2	0
CYPERACEAE	Eleocharis palustris/uniglumis	Spikerush	м	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
GRAMINEAEE	gen. et sp. indet.	Grasses	v	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
LEGUMINOSAE	gen. et sp. indet.			1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	Medicago cf. lupulina L.	Black medick	D,G	8	0	0	0	0	0	0	0	0	0	0	0	0	8	0
	Ulex cf. europaeus L. (spines)	Gorse	G,H	2	0	0	1	0	0	0	0	6	0	0	0	0	99	0
ROSEACEAE	Prunus sp.	Plum/Cherry/Sloe	W,H,C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2m
RUBIACEAE	Galium sp.	Bedstraw	v	1	0	0	0	0	1	0	0	0	0	0	0	Û	2	0
SCROPHULARIACEAE	Odontites verna/Euphrasia sp.	Red Bartsia/Eyebright	D,Da,G	13	0	0	0	0	0	0	0	0	0	0	0	0	13	0
UNIDENTIFIED	Seeds			11	0	1	2	3	2	3	1	1	0	0	0	0	34	5m
	Other			0	0	Û	0	0	0	3	1	1	0	0	0	0	5	0
	TOTAL			95	7	6	9	13	9	12	6	118	3	3	1	2	283	15
Key: as for Table 2																		

### Table 4.

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#### GREYHOUND YARD : MACROSCOPIC PLANT REMAINS : POST MEDIEVAL

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#### CEREALS

TAXON		pit_ (657	658)
cf. Triticum sp. grain	Whest	0	1

2 **4** - 2

#### WEEDS

FANILY	TAXON	COMMON NAME	HABITAT		
GRAMINEAE	gen. et sp. indet.	Grasses	v	12m	0
MORACEAE	Ficus carica L.	Fig	с	c.50	0
PAPAVERACEAE	Chelidonium majus L.	Greater celandine	B	0	1
ROSEACEAE	Rubus fruticosus agg.	Blackberry	W,H	186+	0
VITACEAE	Vitis vinifera	Vine	C	1	4m
UNIDENTIFIED				1	3
TOTAL				250	9

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