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THE MAMMALIAN REMAINS FROM THE ROMAN AND MEDIEVAL LEVELS, CENTRAL CRIMINAL COURT EXTENSION (1966 - 69)<sup>1</sup>.

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## 1. INTRODUCTION

A total of 200 mammalian bone elements (170 animal & 30 human) were recovered from the Roman and medieval levels, Central Criminal Court site. The complete collection of mammalian bone (together with the bird bone) is held in store at the Department of Urban Archaeology, Museum of London, where it may be examined on request.

## 2. THE SPECIES IDENTIFIED

The mammalian species identified are shown in Fig.1.

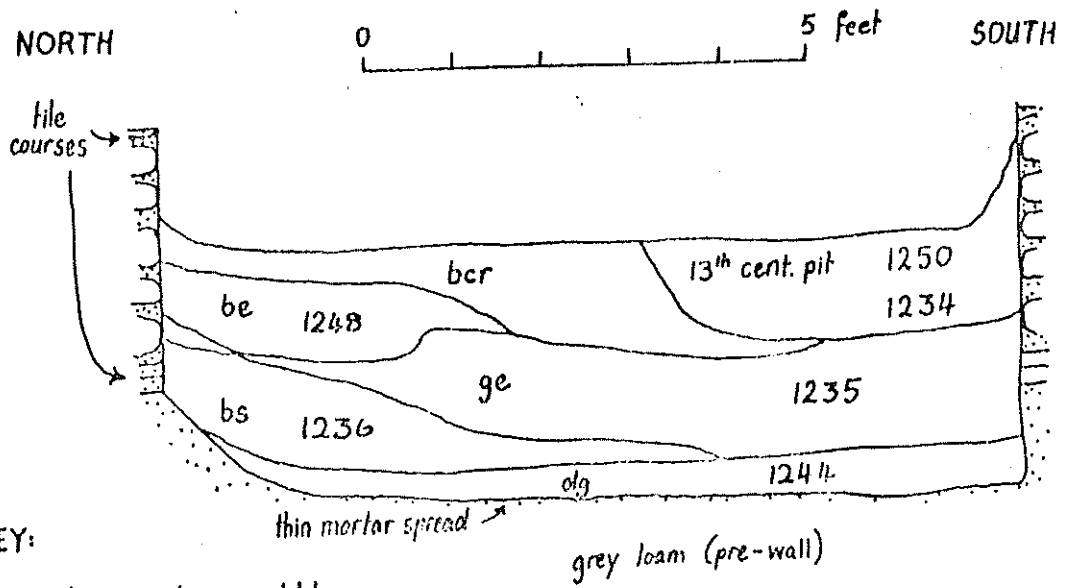
Fig.1: Central Criminal Court 1966-69. Number of bones from each of the species identified

ER No.	Date	Number of specimens					human
		ox	sheep/goat	pig	dog	cat	
<u>GROUP 1: Roman bank inside City wall</u>							
1132	2nd cent. AD	3	2	-	-	-	-
1237B	2nd-3rd cent. AD	1	-	-	-	-	-
1143	3rd cent. AD	-	-	-	-	-	-
1138	4th cent. AD	-	-	-	-	-	22 (fragments of one skull)
1134	4th cent. AD	-	-	-	1	-	-
<u>GROUP 2: Roman turret</u>							
1244	2nd-3rd cent. AD	-	5	3	2	-	-
1236	3rd cent. AD	8	2	3	37	2	8 (fragments of one skull) (+ 2 sheep/pig)
1235	mid 3rd cent. AD	4	-	-	85	-	-
1248	mid 3rd cent. AD	6	-	1	-	-	-
1250	13th cent. AD	-	-	-	1*	-	-
1234	13th cent. AD	-	-	-	1*	-	-

\* possibly represents Roman material dug out of a lower level and redeposited in the medieval pit

NOTE: 1. Details of the stratigraphy of the site are described in the published account of the excavation by Karsten (1970). The various dumped deposits found inside the Roman turret are shown in Fig.2 in this report.

Fig. 2: Central Criminal Court 1966-69. Section through the deposits inside Roman turret.



KEY:

- bcr - brown clay + rubble
- be - brown earth
- ge - grey earth
- bs - brown soil
- dg - dirty gravel

- NOTES:
1. Except for the height at the shoulder (given in cm), all measurements are in mm.
  2. Measurements were taken from adult bone elements using dial calipers (Mitutoyo no. 505-635, range 300 mm with dial graduations of 0.05 mm).
  3. Points of measurement follow those described by Harcourt (1974) and von den Driesch (1976).

ROMAN TURRET

ER 1235

dump of grey earth dated to mid 3rd century AD

Table 1: Dog. Skull  
complete, adult

Measurements<sup>a</sup>

(I)		174.8
(II)		104.4
(III)		87.0
(IX)		88.9
(XI)		58.5
(XII)		34.7
(16)		16.8
(17)		45.1
(18)	length	19.2
	breadth	9.6
(19)		17.4
(20)	length	12.5
	breadth	13.6
(21)	length	6.3
	breadth	5.2
(22)		23.3
(25)		37.2
(28)		14.0
(29)		57.4
(31)		36.4
(32)		48.9
(40)		46.6

Key: a. Measurements: (I) to (XII) see Harcourt (1974, pp. 152 & 153)  
(16) to (40) see von den Driesch (1976, pp. 34 & 45)

Table 2: Dog. Maxilla

four specimens from three adult dogs

No.	Side	Measurements					
		P <sup>4</sup>		M <sup>1</sup>		M <sup>2</sup>	
		length	breadth	length	breadth	length	breadth
1	left	14.5	8.5	-	-	-	-
2 +	left	16.1	9.1	12.0	12.7	6.4	9.0
3 **	left	19.2	9.7	13.7	15.6	6.9	9.9
4 **	right	19.7	9.7	13.5	15.1	7.3	9.4

Key: + P<sup>3</sup> is rotated through 90 degrees

\*\* from same animal

Table 3: Dog. Mandibular ramus

seven specimens from five adult dogs

Measurements <sup>a</sup>	Specimen no. <sup>b</sup>						
	1	2	3	4	5	6	7
(1)	129.5e	-	104.8	-	-	-	-
(2)	131.1e	-	104.3	-	-	-	-
(4)	112.8	-	90.5	101.4	-	-	-
(7)	73.0	-	59.7	68.9	-	-	-
(8)	65.3	-	56.0	65.0	-	63.3	-
(9)	61.0	-	51.5	56.0	-	58.9	-
(10)	34.4	-	27.8	33.8	-	31.4	-
(11)	32.5	-	30.7	34	-	-	-
(12)	29.5	-	25.7	26.1	-	-	36.1
(13) length	21.4	-	17.5	-	21.1	21.7	21.6
breadth	8.2	-	7.0	-	8.7	7.5	8.8
(14)	20.6	-	16.7	18.6	20.7	19.8	21.7
(15) length	9.0	-	6.2	8.5	8.9	7.7	8.5
breadth	6.5	-	5.2	6.0	7.1	5.6	6.6
(16) length	-	-	3.9	-	-	-	-
breadth	-	-	3.9	-	-	-	-
(18)	56.6	-	-	46.5	-	-	-
(19)	22.4	-	19.0	20.5	21.5	20.8	21.5
(20)	18.8	-	16.0	15.2	-	-	-
side:	left	right	right	right	right	right	left

Key: a. Measurements: see von den Driesch (1976, p. 60 & 61)

b. Specimens: 1 & 2 from same animal

5 & 7 from same animal

specimen no. 2 is incomplete (broken)

Table 4: Dog. Mandibular ramus

three specimens from three adult dogs

Measurements <sup>a</sup>	Specimen no.		
	1	2	3
(1)	88.5e	-	-
(2)	88.3e	-	-
(4)	75.1	110.5	-
(7)	51.0	72.2	-
(8)	48.8	67.1	-
(9)	- ***	62.5	-
(10)	25.4	30.7	-
(11)	24.9	36.5	38.3
(12)	-	31.8	32.5
(13)	length 16.1	19.5	21.6
	breadth 6.8	8.0	8.4
(14)	15.9	19.7	20.7
(15)	length 5.5	-	-
	breadth 4.9	-	-
(16)	length -	-	-
	breadth -	-	-
(18)	30.5	-	-
(19)	14.2	19.3	-
(20)	13.4	16.3	-
	right	right	?

Key: a. Measurements: see von den Drösch (1974, p. 61)

\*\*\* P<sub>2</sub> missing, alveolus closedTable 5: Dog. Humerus

one specimen, adult

Length	96.8	
Prox. width	32.1	Estimated height at the shoulder
Min. shaft width	9.6	(after the method of Harcourt, 1974)
Dist. width	24.2	= <u>30.5 cm</u>

Table 6: Dog. Radius

one specimen, adult

Length	66.0	
Prox. width	10.7	Estimated height at the shoulder
Min. shaft width	7.6	(after the method of Harcourt, 1974)
Dist. width	13.6	= <u>27.9 cm</u>

Table 7: Cat. Femur

one specimen, adult

Length	113.6
Prox. width	20.1
Min. shaft width	7.4
Dist. width	18.0

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- von den Driesch, A. (1976). A Guide to the Measurement of Animal Bones from Archaeological Sites. Peabody Museum Bulletin No.1.
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