

	Cattle	Sheep	Pig	Assc
(with teeth) mandibles only				
McJoneo excas.	¹⁰ 22	² 18	3' 4	2 - 2
1982	- ⁶ 6	8 ⁸ 16	3' 4	2 - 2
zone mp ^M Jones	³ 35	5' 6	-	7 - 7
" 1982	7 ⁴ 11	6 ¹² 18	1 - 1	1 - 1

Nearly complete MJ 30
long bones - ps, sd, 82 3
psd, 2
not dep. ? for epiphyses only.

	Total					red	roc	hac	dog (wr)	cyber	
Fd J Total	92 120	24 38	9 10	16		3	1	1	1	2	
Fd J Pits	42 53 64%	11 17 20%	4 4 5%	7 6		3	2	1	-	-	Total
→ Fd J not pits	50 67 66%	13 21 19%	5 6 5%	9 10		6%	7	1	1	2	Total

Minimum Numbers of four main sp.

Neolithic	4	1	11	
Bronze Age				
Iron Age	13	9	4	1
1982 1.	5	9	4	3
57-59 Baxter 2.	-	-	-	-
" " Higgs 2a	3 ✓	4 ✓	1	3 - method? - this one used size 1
61-65 3	12 ✓	7 ✓	4	5

zone only	MJ N220	152 69%	51 22%	17 8%
1982 N89		25 28%	45 51%	19 21%

Fd J Ditches:-

LeG RGF
RB

Anatomical Analysis

M.J. - all bone surviving from the earlier excavations.

	Cattle		Sheep/goat		Pig		Horse	
	M.J. exc.	1982 exc.	M.J.	1982	M.J.	1982	M.J.	1982
hc	3	-	0	0	-	-	-	-
sk	3	2	3	-	-	3	1	1
mx	2	-	1	1	2	2	2	2
md	22	6	18	8	3	4	1	2
t	16	7	9	9	5	5	4	1
sc	14	6	-	4	1	-	1	1
hu	11	4	2	5	1	2	-	-
ra	5	-	4	13	1	2	4	4
ul	3	1	-	-	1	2	-	-
pe	6	-	6	1	-	-	2	3
fe	11	5	5	7	2	1	1	1
ti	10	2	15	6	-	3	1	1
fi/pat	1	-	-	-	1	1	-	-
ca/ast	10	1	-	-	1	3	1	3
other car/tars	5	1	-	-	-	-	-	-
mc	13	5	1	8	-	1	4	4
mt	21	5	5	10	-	-	3	3
mp	1	1	-	-	-	-	-	-
phal	23	6	2	1	-	-	4	4
vert	7	8	-	2	-	-	2	2

187 50 71 85 20 24 35 6

	by 1		by 2		by 3		by 4	
	MJ	82	MJ	82	MJ	82	MJ	82
of Ashville page 112	187	50	71	85	20	24	35	6
loose teeth	46	25	32	44	27	32	27	32
cranium, mandible	73	39	8	11	19	23	19	23
carpal, hock, foot	68	36	32	44	38	45	38	45
other body except	16	7	9	13	9	11	9	11
loose teeth	8	4	-	0	2	2	-	0
vertebrae	15	8	-	0	-	0	-	0
carpal & hock	35	19	6	8	18	21	6	8
metapodial	23	12	2	3	1	1	2	3
phalanx	6	12	-	-	-	-	-	-

Nos too small for it to mean much.

cattle very similar to 1982, more loose teeth & 2.

sheep more foot bones 1982.

head

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

better to do as Abeydon. cra md & vert upper limb & girdle carpal & hock mp phal.

or Hamel - just head, body, feet.

or. Dattby - whole lot.

St. Ebbes head but p-med. foot body.

Worked Bone. RB

feature date type feature.

F 763 RB

(1957 49) RB Ph I ^{Belgic} gully pre-villa.

1958 419 RB Ph II ditch - villa

pig fibula. The immature, distal end is unworked.

red deer antler, large, not ^{or chopped} sawn or worked.

" " " a skull. - back part of frontal bones, presumably one individual, (new breaks on the frontal suture). frontal and parietal sutures unfused or partly fused (a rather broken specimen) Both antlers have been sawn off. On left on a false start was made, leaving a saw mark 2.4 mm wide.

H61 836 post 240 ditch

piece, diameter 29x31mm sawn both ends - 2 cm long, saw blade ? 1.2 mm thick.

(H61 885/1) post 240 pit

red deer antler frags, no sawing evident).

F61 612 ^{4th C.} later R ditch

sawn & decorated sh/g metacarpal.

F61 535 " " ditch

(unid.) part of bone pin - very white and translucent, bone not waxy. What caused this type of preservation?

F61 559 " " hollow

(unid) bone pin with conical head.

1958 361 ^{Ph III} later villa destruction layer

(unid) pin with carved head

H61 841

horse mc d R lowest 82 mm of the bone; saw marks rather rough; last 5 mm of cut was broken.

(1958 462) Ph I hollow pre-villa

ox phal with 4 knife or chop marks on the mid^{shaft}, dorsally, perhaps from skinning.)

1957-3 200 RB w/s w/s

horse mc. 13 small knife ^{cuts} ~~marks~~, mid shaft, medially 4 - ? skinning, or, more likely, in prying off the side metacarpal, which is sometimes used as a bone point.

lateneo-
BA - 1001. ? wkd.
wd,
? bone wky waste.

in 934 polished antler frag.

J63 774 post 260AD pit & ditch

? cattle rib, ch on 2 sides, ? sawn across on a third; roughly square 3x3cm.

1982 Excavations.

1467 Ph. I pit below yard.

horse tibia, lowest 4 cm of the bone, sawn off through the two opposing faces. Unusual to see saw marks on long bones. → bone working area.

1450 II

pin, pierced, stained green. (unid large)

1446 II

(unid med) ? bone working waste - piece either sawn or very clearly cut, making two facets at the end of a piece of shaft (sheep size bone)

" II

(unid) not obviously shaped, but appears to have a polish, dk brown in colour.

1453 II

? cattle rib - worked into a point.

1430 III

(unid lge) - worked piece 72x5-6 mm diam, one end broken, other finished, ~~blunt~~ ^{blunt}.

No worked, identified, cattle bones.

RGF40

mostly in ditches.

Lechade, glos.

Species found, by feature.

- incomplete.

	Cattle zone Total. mni	Sheep gt.	Pig	Horse		Cattle- size	Sheep- size	Smaller
F61 A/SW (4) 560	17 20 3 (md)	4 6 3 (md)	1 1 1	4 5 1	Hare 1 1	2 5 note over page	-	-
J63 63 762 pit	31 40 3 30, 10, 10	5 9 3 (md)	3 3 1	5 5 1	Red deer 1 1	5 3+ 12+ 1 ch 1 bnt	1 5	-
J63 64 764 pit	7 8	5 5 10	-	1		1 7	2	2
J63 74 774 pit & ditch	14 20 4 (mc)	3 4 1	-	1 1	Oyster 2	2 1+ 6 2 ch-note	2	-
Q61 = 661	12 13 1	2 3 1	-	5 8 2		6 2 7 2 bnt	3	2 bnt
F63 = 763			1 1 bone pin			-		
F69 = 769	2 2 1					-		
J63 72 = 772		- 1					K 1	
778		- 1						
780		- 1						
781	- 1	1 2						
787						ch 1		
788	- 1					1		
791 pit		1 1						
811 pit								
J63 771 pit	-	- 1						
783	-	-						
Rest of J unid →								
1957-1959	31 15 2 md. + mature hnt	11 12 4 md.	3 2 1	8 9 3 method 2 2+ 2 ? method 1 antler	Red deer roe 1 (mt)	Total J. 5h 10 4 30 1k 6 none.		
J 708 pit	1 1	-						
J 734 pit	2 3	- 1						
F 885 pit	1 1		1 1					
F & J pits	42 53	11 17	4 4	5 6	red 2 roe 1			

RGF41

Notes.

F61 A/SW (4) 5 cattle-size ribs - one 34 cm long, others 10, 17, 11, 7 cm.
J63 [74] 1 " " " chopped 3 times - separated.

RqF42

1982 LeG RGF
New Summaries.

Summary, cont.

July 1982.

(Name stuff added)	Cattle			Sheep			Pig			horse.	U.			% ident
	z	t	mn	z	T	mn	z	T	mn		id	Unid	Total	
Ph I	17		8		3		2		4		17	9	26	65%
II	118	21	35	3	34	63	7	11	11	Dog 2, fowl 1.	118	109	227	52%
III	128	34	53		30	50	10	18	3	(→ MN. I've added 1 only for Day/June material) dog 1, fox 1, fowl 2 [human 1, oyster 19]	id	122	250	51%
Total 1982	55	96		64	116		24	36	8	dog 3, fox 1, fowl 3, [human 1]				
N 263		37%			14%			14%	3%	dog 1%, * fowl 0.76%.			503	52%

1961-65	263	155	57	17	26	red 5								
Total 82 + (61-65)	526	251	48%	173	33%	53	10%	34	6%	5	1%	10	2%	Nov 86 total 873
														71%
														60%

1982 Percentages.

I	N 17													
II	N 118	30%	53%	14%	*	dog **	fox *							
III	N 128	41%	39%	14%	2%	dog *	fox *	fowl **	[oyster]					
	263													

→ more cattle, later. pig same, (more horse), oyster.

Total bone I've looked at

61-65 into Higgs	323 +	450
82	263 + 272	535
		985

Table 1.

N	N	Percentages						Human	% Ident.	%
		Cattle	Sheep	Pig	Hare	Deer	dog/wolf			
Neolithic	97	24	1 (bone)	58		16 ^{? exclude antler}	1 bone		33	69
Bronze Age	66	18	79	1 bone		red 1 bone			29	56
Iron Age	44	39	45	11	1 bone	deer 2		+ cremation? frags 1 bone	32	62
Roman British 1. 1982 Exc. RB (old)	168	30	50	14	4	(no deer)	Dog 1 bone	fowl [cyster] 2 [2 shells]	1 bone	53 56
2. 1957-59 villa	396	48	26	12	13	deer 1 bone		bird 2%		-
2a villa	61	52	23	5	15	red 5%		2 bones	91	579
3. 1961-65 E. of villa	263	59	22	6	10	red 2% roe 1 bone	1 bone	hare (water vole 2) [2 valves]		71
?? Total 1, 2 & 3	431	48	33	10	7	1% 16	2 b	1 b (2 b) 2 b [4]		1
1961-65						Red deer	Roe dog hare	(water vole 2 bones) [2 shells]		
F&J	190	63	20	5	8	2%	1 bone 1 bone 1 bone			
H	36	42	39	8	6	5%				
G	24	54	14	11	22					
I, K, M, N	13									
550 (1 bone) 559 (pin) 560								hare 1 bone		
F Working hollows	41	61	17	5	15					
F&J Pits 763, 764, 791, 811, 771, 708, 734, F 885	83	64	20	5	7	2%	1 bone			
F&J Total	190	63	20	5	8	2%	1	1	1	
Total Higgs & 61+65	324	57	22	6	11	red 4% roe 1 bone	1 bone 1 bone	hare (w.v 2) [2]		
Total RB East of road	263	59	22	6	10	2%	1 bone 1 bone	1 bone (w.v 2) [2]		
1982 Phase I	17		8 bones	3	2		dog 1 bone			
II	11	30	56	12	1 bone			1 bone cyster		
III	40	23	50	23	1 bone			1 bone [2] 1 bone		
Total	168	30	51	14	4%		1 bone	2 bones		
1957-1959 I	7									
II	15	29	45	24	3	21	7%			
III	7									
4/5 RB	32									
Total	61	52	23	5	15	5%				

Summary of Animal Bone

	Cattle			Sheep			Prg	Horse	Red deer	Dog	Bird	Human	Unidentified red: Cattle size			Sheep size			Smaller		
	z	BN	MN	zone	BN	MN	z	BN	BN	BN	BN	BN	Vert.	Rib	Other	V	R	O	V	R	O
Phase																					
1957-1959 Higgs I	N7	2	2	1	2	2	1		2	1 antler											
II	N15	3	8	1	4	4	1		2	1 -											
III	N7	3	3	1	0	1	1	1	2	-											
Unstratified RB	N32	19	19	3	7	7	3	2	2	1	3	1 -									
Total	N61	32	32	(6)	13	14	(6)	3	3	9	3										
1957-59 Studied by Baxter (T=3%)																					
F	481	5	5	2	2	2	1	1	1												
F Working hollows	550 (long)																				
559 (pin)	560	21	25		5	7		2	2	6	have 1	(water vole 2)									
F Total		37	46		9	12		5	6	8	have 1	(water vole 2)									
J Total		55	74		15	26		4	4	8	red 3	roe 1									
F & J pits		42	53		11	17		4	4	6	red 2	roe 1									
F & J Total	N190	92	120		24	38		9	10	16	red 3	roe 1									
G [661] gravel pit		12	13	1	2	3	1		8	2											
H	N36	11	15		12	14		1	3	2	red 2	antler									
I		4	6		0	1		2	2												
K								2	2												
M																					
N																					
I, K, M, N		5	7		0	2		4	4												
Total Jones (not Baxter)		152	187	15	51	71	15	17	20	5	35	3	8	1	1	1	2	2	2	2	2
incl. Higgs	N32	14	5	1	22			5	5		11	10	Others	4							
Total Jones (Baxter & Higgs)	N63	155	59		57	22		17	6		26	10	5	1	1	1	2	2	2	2	2
1982 Total		25	50	5	45	85	9	19	24	4	6	3	no deer								
N168		30	50		58			14			4	1	Others	2							
- now incorrect, because they dig.																					
1982 Phase I	N17	2	8	1	3	3	1	2	2	1	4	1									
II	N109	19	33	2	33	62	6	11	13	2	1	1									
III	N40	4	9	2	9	20	2	6	9	1	1	1									
Total 1982 + 1961-65		205			142			41			32	5	1	1	2	2	2	2	2	2	2
N431		48			33			10			7	1	1	1	2	2	2	2	2	2	2

1982 kg RGF

Summary

Phase.	Cattle		Sheep		gt.	Pig		Horse		Unidentified					
	z	Total mni	z	T mni		z	T. MN	z	T	Cattle size	Sheep size	other	V	R	all
III 14 14															
" " 28			3	7		2	3			2	3	5			1
" " 29															gn
" " 29		2		3		2	2						1		3
" " 07		1								ch					
" " 08		1							human						
" " 09			2	2											gn
" " 13						1	1								
" " 34		1		4			2								
" " 24															
" " 20															
" " 21															
63															
30		3		3											
1388		1													
1386															
1384															
Phase III Total	4	9	9	20		6	9								
		23%		50%			23%								
II 14 16															
62		1													
27		1													
33		1				1	1								
35		1		3											
31				4		1	1								
36		2	3	2											
38				7											
51				1											
47		1													
49															
46		6	7	11		5	6		horse						
66				1											
70			2			1	1								
65		1	5	3											
80				4		1	1								
68				3											
cont.															
total so far -	14	24	24	45		9	10		horse						
cont.															
I 14 61															
64									horse						
87															
67		2	5	1											
83				1		1	1								
81						1	1								
Total Phase I	2	8	3	3		2	2		horse						

WS 26 cattle, sheep present

RGF 46

* Difference between cattle size & sheep size subjective, quite often.

	Cattle	Sheep	goat	Pig	Horse		Unid	Sheep	<
	z t. mn	z T mn		z T mn			Castle size	size	
	V R O	V R O		V R O			V R O	V R O	V R O
Ph II previous page	14 24	24 45		9 10	1	fowl 1	gn 1 4 21	gn 2 2 33	- - -
II, cont. 14 53		1 1					gn 1 1	2 1	- - -
41	2 2	2 3		1 1		Dog 1	3	2	- - -
37	-	1 3		1 1					- - -
14 54	-	-					bnt 1	bnt 1	- - -
73	1 2	1 1						3	- - -
50	1 2	- 2		- 1			+1 pin. 2	2	- - -
46		3 4		1 1				1 2	- - -
18	- 1	1 3							- - -
77	1 2								- - -
	19 33 2	33 62 6		11 13 2	1	Dog 1 fowl 1	gn 1 bnt 1 6 28	gn 2 2 44	- - -
	9.73 30	5.86 56%		1.71 12%	1%	Ident. 111 Other 2%	38	60	- - -
							(Unid. 98	Total bone 209)	- - -

1490 machining - 2
E of Woodlands House

Total 1982 (not including later dig, below)	Hase	Dog	fowl	(human oyster)
Phases I, II & III	25 50 5	45 85 9	19 24 4	6 3 1 2 1 2
N 168	9.76 30%	0.60 51	4.2 14%	3.7 4% 1.7 2%
				Ident 168 Unid: 152 Total bone: 320
				53% identified.

zone 3 main species
- 89, Total " - 159
zone 56% of Total

Summary	Cattle	Sh/g	Pig	Dog	
1982 May Excavations.					
II 1651	1 1			1	-
" 1511			1 1		2 2
" 1512	1 1	1 1	2 2		1 1 1 4
	2 2	1 1	3 3	1	11
III 1510			- 1		oyster 3
1515	3 4	1 1			1 2
1508		- 1			1 3
1514	2 5	2 2	-	1 1	ch 1 2 4 4
1507	1 4	2 3			ch 1 1 7
1506	9 13	5 8	1 3		ch 2 1 5 15
1504	11 13	11 15	3 5	1 1	ch 1 4 22 2 17
1503 contains rib? band sawn - discount layer					
1501 machine clearance. ? discount (contains large cattle sc, pig jaw, small cattle radius)					
1604					2
1603	1 2				
1602	3 3				
	30 44	21 30	4 9	2 2	fox 1 dog, fox, fowl 1, [oyster 17]
					5 2 14 50 0.5 51
					66 56 122

Notes on Unidentified.

1506 (sheep) med. size, small piece, not worked but has a pinch. Shaw Tim.