Chapter 4: Tables

Table 4.1: Summary of the articulated middle Iron Age skeletons

Skeleton	Context	Date	Completeness	Preservation	Age	Sex	Stature	Orientation	Side	Head facing
3048	Pit 3019	MIA	70-80%	Fair-poor	Neonate	Unknown	Unknown	S-N	Right	E
3113	Pit 3116	400-340 cal BC/ 300-200 cal BC	60-75%	Poor-fair	25-35	Female	1.64 m	N-S	Right	SE
3143	Pit 3152	MIA	20-30%	Good	20-25	? Female	1.56 m	-	-	-
3160	Pit 3152	370-160 cal BC	80-90%	Fair-good	40-50	Male	1.67 m	S-N	Right	NE
3163	Pit 3155	360-270 cal BC/ 260-100 cal BC	Right arm only	Good	Adult	? Female	1.64 m	SW-NE	Supine	unknown

Table 4.2: Summary of disarticulated human remains from middle Iron Age deposits

Context	Feature	Phase	Skeletal element	Age	Sex
3016	Pit 3015	MIA	Proximal left and right femora (midshaft and head and neck); left acetabulum and ischium; one worn permanent second incisor	Adult	Male
3058	Pit 3057	Middle Iron Age (intrusive Roman?)	Cranial vault fragments, proximal left 3rd left metacarpal; left scaphoid	Adult	Unknown
6023	Pit 6022	360-280 cal BC/ 260-50 cal BC	Proximal left tibia, Left femoral shaft and distal epiphysis	Adult	Probable male

Table 4.3: Summary of disarticulated human remains from late Roman deposits

Context	Feature	Skeletal element	Age	Sex	Pathology
1004	Hillfort ditch	Left patella, right femoral shaft	Adult	Unknown	
1013	Hillfort ditch	Mandible; atlas; axis; 13 fragments of cervical vertebrae; 11 fragments of thoracic vertebrae; 2 lumbar neural arches; 1st rib fragment; 3 right and 2 unsided rib fragments; 3 fragments of proximal humerus; iliac blade and acetabular fragments	All adult; mandible-mature adult	Mandible ? male	Calculus on teeth, considerable osteophytosis of axis
2006	Layer	1 maxillary molar	Adult	Unknown	
2007	Layer	Cranial vault fragment	Unknown	Unknown	
2017	Midden	2 cranial vault fragments	Adult	Unknown	
3049	Quarry pit 3067	Cranial vault, 2 cervical vertebrae, L patella fragment	Adult	Unknown	
3062	Colluvium	Thoracic vertebral body	Adult	Unknown	
3085	Quarry pit 3067	5th lumbar transverse process	Unknown	Unknown	
3107	Colluvium	Permanent mandibular incisor	Adult	Unknown	
3158	Quarry pit 3157	Left fibula shaft; 2 hand phalanges; 1 maxillary molar	Adult; molar-mature adult	Unknown	
3161	Quarry pit 3157	Cranial vault fragments	Adult	Unknown	

Table 4.4: Summary of the disarticulated human remains from medieval and post-medieval deposits

Context	Feature	Phase	Skeletal element	Age	Sex
1002	Hillfort ditch	Post-medieval	Right calcaneum	Adult	Unknown
2000	Topsoil	Post-medieval	Left femur, midshaft	Unknown	Unknown
2001	Colluvium	Post-medieval	Left femoral head	Unknown	Unknown
3022	Buried soil	Medieval	Right proximal radius and shaft; liac blade fragment	Infant 2 (8-10 yr)	Unknown
3028	Quarry pit 3067	Medieval	Cranial vault fragments, manubrium, ilium, left femoral shaft	Adult	Ilium: male
3096	Quarry pit 3067	Roman/ medieval	Cranial vault fragments, right scapula, right clavicle, right patella, right 5th metatarsal	Adult	Unknown
5050	Topsoil	Post-medieval	Cranial vault fragment, right rib shaft, ulna, three fragments of ulna shaft, middle finger phalanx, incomplete right tibia shaft	Adult (>32 yr)	Unknown
6012	Pit 6011	Medieval (11th-13th century)	Lumbar neural arch, right radial shaft, right ulnar shaft, femoral shaft fragment, 1st metacarpal fragment, 4 hand phalanges	Unknown	Unknown
6024	Pit 6011	Medieval (11th-13th century)	Right hamate, 2nd and 5th metacarpal, left iliac blade, right ulna, right radial shaft	Unknown	Unknown
6033	Pit 6011	Medieval (11th-13th century)	2 rib fragments, 3 vertebral body fragments, left 2nd, 4th & 5th metacarpals, 4 hand phalanges, 3 cranial fragments	5th metacarpal and cranial fragments: adult	Unknown

Table 4.5: Distribution of animal bone between phases

	Late Bronze Age	**Early Iron Age**	**Middle Iron Age**	**Iron Age?**	**Early Roman**	**Late Roman**	**Romano-British**	**Roman/ medieval**	**Medieval**	**Post-medieval**	**Unstrat.**	**Total**
Number of fragments	378	8034	2305	21	106	6454	59	1282	4447	419	221	23,726
Weight (g)	1233	34,325	3655	59	444	15,854	378	3664	10,288	1956	169	72,025

Table 4.6: Condition of the animal bone assemblage

Condition	Late Bronze Age	Early Iron Age	Middle Iron Age	Iron Age?	Early Roman	Late Roman	Romano-British	Roman/ medieval	Medieval	Post-medieval	Total
Excellent	1%	2%	-	-	15%	1%	20%	-	1%	1%	1%
Good	72%	48%	43%	29%	33%	21%	76%	10%	26%	27%	34%
Moderate	22%	42%	27%	52%	24%	32%	4%	31%	53%	34%	39%
Poor	5%	7%	25%	19%	16%	40%	-	49%	16%	24%	22%
Very Poor	-	1%	4%	-	12%	6%	-	10%	4%	14%	4%

Table 4.7: Frequency of gnawing, burning and recent breaks in bone fragments of each phase

Period	Number of fragments	Gnawed	Burnt	Recent breaks
Late Bronze Age	378	2%	7%	42%
Early Iron Age	8034	6%	7%	22%
Middle Iron Age	2305	-	13%	2%
Iron Age?	21	-	-	29%
Early Roman	106	1%	-	6%
Late Roman	6454	1%	1%	3%
Romano-British	59	2%	-	39%
Roman/medieval	1282	-	-	1%
Medieval	4447	2%	7%	53%
Post-medieval	419	1%	3%	12%
Unstratified	221	-	1%	88%
Total	23726	3%	5%	20%

Table 4.8: Wild small mammals and microfauna

Period	Context	Field vole	Frog/toad	Rabbit	Rodent	Vole	Water vole	Weasel
Late Bronze Age	3099					✓		
Early Iron Age	3040							✓
Early Iron Age	3050	✓	✓			✓		
Early Iron Age	6004						✓	
Early Iron Age	6017		✓					
Middle Iron Age	3020					✓		
Middle Iron Age	3030					✓		
Middle Iron Age	3041					✓		
Middle Iron Age	3052					✓		
Middle Iron Age	3058						✓	
Middle Iron Age	3117		✓					
Late Roman	1011	✓				✓		
Late Roman	2016			✓				
Late Roman	2017			✓			✓	
Medieval	1005			✓				
Medieval	3076				✓			
Medieval	4031	✓				✓		
Medieval	4040		✓					
Post-medieval	2022			✓				
Post-medieval	5000			✓				

Table 4.9: Number of measured bones

Element	Species										
	Cattle	**Horse**	**Sheep/ goat**	**Pig**	**Dog**	**Roe deer**	**Badger**	**Weasel**	**Domestic fowl**	**Raven**	**Total**
Mandible					1						1
Tooth	1				6						7
Scapula	2		10	3	1					1	17
Humerus	2		20	2					1	1	26
Radius	4		19	5	1					1	30
Ulna	1		3		1					2	7
Carpo-metacarpus										2	2
Metacarpal	9		21			1					31
3rd metacarpal				1							1
4th metacarpal				1	1						2
Femur			1				1	1		2	5
Tibia	7	2	17	3							29
Tibio-tarsus										2	2
Astragalus	15	2	10	5							32
Calcaneus			6	1							7
Tarsometatarsus									1		1
Metatarsal	6		12								18
2nd metatarsal				3							3
5th metatarsal					1						1
Tarso-metatarsus										1	1
Metapodial			1								1
1st phalanx	17	2	31	3	1						54
2nd phalanx	22		11	9							42
3rd phalanx	4		1	4							9
Total	**90**	**6**	**163**	**40**	**13**	**1**	**1**	**1**	**2**	**12**	**329**

Table 4.10: Withers height calculations

Taxon	Element	Context	Period	Side	GL (mm)	Withers height (m)
Cattle	Radius	3040	Early Iron Age	R	243	1.04
Cattle	Metatarsal	3018	Early Iron Age	R	195	1.06
Cattle	Metatarsal	3046	Early Iron Age	R	210	1.14
Cattle	Metacarpal	3046	Early Iron Age	L	190	1.16
Cattle	Metatarsal	3061	Early Iron Age	R	217	1.18
Cattle	Metacarpal	3028	Roman to Medieval	L	167	1.02
Sheep	Metatarsal	3040	Early Iron Age	R	124	0.56
Sheep	Metatarsal	3040	Early Iron Age	L	131	0.59
Sheep	Metatarsal	3030	Middle Iron Age	R	131	0.59
Sheep/goat	Calcaneum	3061	Early Iron Age	L	47	0.48
Sheep/goat	Calcaneum	3040	Early Iron Age	R	50	0.51
Sheep/goat	Calcaneum	3040	Early Iron Age	L	52	0.53
Sheep/goat	Humerus	3034	Early Iron Age	R	127	0.54
Sheep/goat	Humerus	3040	Early Iron Age	R	129	0.54
Sheep/goat	Metacarpal	3050	Early Iron Age	R	115	0.56
Sheep/goat	Radius	3040	Early Iron Age	R	142	0.57
Sheep/goat	Calcaneum	3020	Middle Iron Age	R	48	0.49
Sheep/goat	Radius	3011	Late Roman	R	141	0.56
Sheep/goat	Radius	2017	Late Roman	L	145	0.58
Sheep/goat	Calcaneum	3130	Medieval	L	54	0.55
Dog	Metacarpal IV	1011	Late Roman	R	67	0.54
Dog	Metatarsal V	2016	Late Roman	L	53	0.42

Table 4.11: Late Bronze Age element representation (number of fragments). Minimum number of elements in brackets

Element	Cattle	Large mammal	Pig	Sheep/goat	Medium mammal	Small mammal	Vole
Horncore					2		
Skull							
Maxilla				1			
Mandible		5	2	1	1		
Molars							4
Incisors						2	
Tooth	1		2	3			
Atlas				1			
Axis	1				1		
Thoracic		2			2		
Lumbar					2		
Vertebra		6			6		
Rib		2			6		
Costal cartilage		1					
Scapula		1		1	1		
Humerus				1	1	1	
Radius	3 (1)	4					
Ulna	2 (1)						
Scaphoid				1			
Metacarpal				1			
Metacarpal III			1				
Innominate	1	3	1	2			
Femur	3 (1)			1			
Patella	1						
Tibia	6 (2)			3		1	
Metatarsal II			1				
Long bone		13			24		
Phalanx II	2 (2)						
Metapodial			2				
Unidentified							
Total	**20**	**37**	**9**	**16**	**46**	**4**	**4**

Table 4.12: Minimum number of elements and minimum number of individuals (MNI) for cattle sheep (including sheep/goat) and pig in pit 3006. Calculated using bone zone, epiphyseal fusion and tooth attrition data. Numbers in brackets include large mammal fragments

	Cattle			Sheep			Pig		
	L	**N/A**	**R**	**L**	**N/A**	**R**	**L**	**N/A**	**R**
Horn core		5			6			-	
Mandible	2		2	9		19	5		7
Atlas		1			2			3	
Axis		4			4			-	
Scapula	3 (4)		1 (3)	12		9	2		2
Humerus	2		2	8		5	3		2
Radius	-		2 (3)	11		14	2		2
Ulna	2		1	5		10	4		1
Metacarpal	2		2	4		7	2		1
Innominate	1		3	6		11	1		2
Femur	3		2	2		3	-		2
Tibia	2 (3)		2	12		15	1		-
Calcaneum	-		1	2		2	1		2
Astragalus	-		1	4		2	-		-
Metatarsal	1		2	6		5	-		3
Phalanx 1	1		4	9		10	-		2
Phalanx 2	1		4	2		7	2		1
Phalanx 3	2		1	1		1	-		-
MNI		4			19			8	

Table 4.13: Number of butchered fragments in pit 3006

Element	Cattle	Horse	Large mammal	Pig	Sheep/ goat	Medium mammal	Small mammal
Skull	3						
Skull- occipital					1		
Mandible	1					1	
Atlas				1	1		
Axis	1						
Cervical			1				
Sternum						1	
Thoracic			1				
Rib			12			9	1
Scapula	1						
Humerus	1			1			
Radius					3		
Ulna				1	1		
Innominate	1				5		
Femur	1				3		
Tibia	1	1			2		
Astragalus					4		
Calcaneus	1			1	1		
Metapodial				1			
1st phalanx	1						
Long bone			2			1	
Total	**12**	**1**	**16**	**5**	**21**	**12**	**1**

Table 4.14: Element distribution for early Iron Age domestic mammal assemblage excluding those from pit 3006 (number of fragments)

Element	Cattle	Large mammal	Pig	Sheep/goat	Sheep	Medium mammal
Horn core	13			1		
Skull	22	140	8	3		42
Mandible	36	29	21	27		28
Maxilla	3	2	1			
Tooth	107	4	73	94		2
Hyoid	1			2		
Atlas	6	1	2			
Axis	15			1		
Cervical vertebra	3	4				3
Thoracic vertebra		5	4			2
Lumbar vertebra		8	1			8
Caudal vertebra		1				2
Vertebra		35				31
Costal cartilage						1
Rib		138				148
Sternum						1
Scapula	8	25	14	13		16
Humerus	17	1	19	14		3
Radius	17	5	10	19		3
Ulna	8	1	13	4		
Carpal	3	1		1		
Metacarpal	19	1		7		
Metacarpal II			1			
Metacarpal III						
Metacarpal IV			2			
Innominate	13	3	2	7		
Sacrum	1					
Femur	9	2		7		2
Tibia	12	5	5	21		6
Fibula			3			
Astragalus	9		3	3		
Calcaneus	8		8	4		
Navicular cuboid				1		
Metatarsal	16	2		8	1	3
Metatarsal II			5			
Metatarsal V			1			
Phalanx I	6		8	10		
Phalanx II	8			1		
Phalanx III						
Carpal/tarsal	1	3				1
Long bone		356				531
Metapodial	8	6	2	4		
Unidentified		2				
Total	**369**	**780**	**206**	**252**	**1**	**833**

Table 4.15: Element distribution for the middle Iron Age assemblage excluding fish (number of fragments)

Element	Cattle	Horse	Red deer	Large mammal	Pig	Sheep	Sheep or goat	Badger	Medium mammal	Small mammal	Vole	Water vole	Frog or toad	Bird	Fish	Unidentified
Horn core	1					1										
Skull	2			16		1	8		21							2
Maxilla					2											
Mandible	4			3			11		7							
Tooth	19	4		2	13		38	1		4	5					2
Atlas	1			3												
Thoracic vertebra									2							
Lumbar vertebra				1					1							
Caudal vertebra				2												
Vertebra				8					16				1			
Rib				43					100	10						
Scapula	1			2			6		7							
Humerus	2			2			4									
Radius	1		1		1		4									
Ulna	2	1			4		1									
Carpal	1															
Metacarpal	2						7									
Metacarpal IV					1											
Innominate	3			2	2		9		1							
Sacrum				2					1							
Femur	2				2		4				1	1				
Tibia	7	1		1			3		1	1						
Calcaneum	2				1		5									
Navicular-cuboid	4															
Metatarsal	2		1			1	6									
Metatarsal II		1														
Phalanx I	2				1		2							1		
Phalanx II	3				3		1									
Long bone				91					131							
Carpal/tarsal				3												
Metapodial	1	1			2		4									
Unidentified															2	1585
Total	**62**	**8**	**2**	**181**	**32**	**3**	**113**	**1**	**288**	**15**	**6**	**1**	**1**	**1**	**2**	**1589**

Table 4.16: Early Roman element distribution (number of fragments)

Element	Cattle	Deer	Large mammal	Pig	Sheep/goat	Medium mammal	Small mammal	Unident.
Antler		21						
Skull					1			
Vertebra						1		
Rib			1					
Scapula	3							
Humerus	1				2			
Radius					1			
Ulna	1							
Cuneiform	1							
Scaphoid	1							
Femur			1	1	1		1	
Patella					1			
Tibia				1				
Astragalus				2				
Calcaneus						1		
Phalanx I				5	3			
Phalanx II				1				
Phalanx III				2				
Sesmoid	1							
Carpal/tarsal						2		
Metapodial				1				
Long bone			12					
Unidentified								36
Total	**8**	**21**	**14**	**13**	**9**	**4**	**1**	**36**

Table 4.17: Late Roman element distribution (number of fragments)

Element	cattle	horse	red deer	large	pig	sheep	s/g	dog	fox	badger	medium	hare	rabbit	small	field vole	vole	water vole	corvid	fowl	duck	teal	finch	bird	fish	frog/toad	unid
antler			1																							
horn core	2					2	1																			
Skull	4			53	7	2	7			2	53				1											2
mandible	13			23	8		18	2		2	16															
tooth	74	3		6	40		109	4					1			1										13
atlas	1				1		2																			
axis	2			2			6																			
cervical vertebra							2	2			4															
thoracic vertebra				5				12			6			1												
lumbar vertebra	1			7				7			2															
caudal				4				2			2															
vertebra				81				26			25			12										1	1	2
rib				127				45			223			8												
sternum							1																			
coracoid																		1	2			1				
scapula	14	1		8	3		5			1	1									1						
humerus	11	1		3	5		23	1	1	1	3	2	2								1					
radius	15			1	2		26	1	1		1		1													
ulna	6				1		7	1		1			1													
carpal	1																									
metacarpal	10						10																			
metacarpal II					1			1																		
metacarpal III					1			1																		
metacarpal IV					3			2																		
innominate	9			4	2		8	1			1														1	
sacrum	2			2				1																		
femur	9			3	1		15				2		3	1	1											
patella	1						1																			
tibia	15	1		2	3		26	2					2	1			1									
fibula					1																					
tibiofibula																									2	
astragalus	7	2			1		5																			
calcaneum	1						9				1		1													
navicular-cuboid	1						4																			
metatarsal	2						10																			
metatarsal II					6																					
metatarsal IV		1			1								2													
metatarsal V								1																		
tarsometatarsus																			1							
phalanx I	21	1			6		18	2					1													
phalanx II	21	1			5		9				1															
phalanx III	6				5		1																			
long bone				509							490												1		1	2
carpal/tarsal	4	1		8							1															
metapodial	9			1	5		4	4			1		3													
sesmoid	1																									
unid				2																						3849
Total	263	12	1	851	108	4	327	118	2	7	833	2	17	23	2	1	1	1	3	1	1	1	1	1	5	3868

Table 4.18: Mammal and bird bone from late Roman midden 2017(number of fragments)

Species	**Cattle**	**Horse**	**Large mammal**	**Pig**	**Sheep**	**Sheep or goat**	**Dog**	**Medium mammal**	**Rabbit**	**Small mammal**	**Water vole**	**Teal**
Skull			14		1							
Maxilla								1				
Mandible	2		5	2		3		6				
Tooth	12			6		32	1		1			
Atlas	1			1		1						
Cervical vertebra								2				
Thoracic vertebra			1									
Lumbar vertebra			3					1				
Caudal vertebra			1									
Vertebra			30					10		1		
Rib			48					38		2		
Scapula	7		4			2						
Humerus	5	1		1					1			1
Radius	3					9						
Ulna	1					3						
Metacarpal	1					1						
Metacarpal IV				1								
Innominate	4			1		4						
Sacrum			2									
Femur	3			1		2			2	1		
Patella	1											
Tibia	9		1			8			1		1	
Astragalus	1											
Calcaneus	1					3			1			
Metatarsal	2					3						
Metatarsal II				1								
Metatarsal IV									2			
Long bone			103					86				
Carpal/tarsal	3		4									
Metapodial	4		1	1				1				
Phalanx I	7					6						
Phalanx II	5					1						
Phalanx III	1			2								
Unidentified			1									
Total	**73**	**1**	**218**	**17**	**1**	**78**	**1**	**145**	**8**	**4**	**1**	**1**

Table 4.19: Mammal, bird and microfauna remains from late Roman fills of the hillfort ditch

Element	Cattle	Horse	Large mammal	Sheep	Sheep or goat	Pig	Dog	Fox	Badger	Medium mammal	Small mammal	Field vole	Vole	Domestic fowl	Finch	Corvid	Frog or toad	Unidentified
Horn core	2			2														
Skull	1		5	1	2	1			2	31		1						
Maxilla					1	2				3								
Mandible	1					2	2		2									
Tooth	9	1			2	13	2											
Cervical vertebra							2											
Thoracic vertebra			1				12											
Lumbar vertebra			1				7											
Caudal vertebra			2				2											
Vertebra			10				26			2	1						1	
Rib			25				45			31								
Coracoid														2	1	1		
Scapula	5				1				1									
Humerus	1		2		5	1	1	1	1									
Radius	3				5	2	1	1										
Ulna						1	1		1									
Metacarpal	3				3													
Metacarpal II							1											
Metacarpal III							1											
Metacarpal IV							2											
Innominate	1		1		2		1										1	
Sacrum	1						1											
Femur	4				9							1						
Patella					1													
Tibia	1	1	1		6	1	1				1							
Tibiofibula																	2	
Astragalus	2	1			1	1												
Calcaneus					2													
Navicular-cuboid					1													
Metatarsal					2													
Long bone			57							36							1	
Metapodial	2						4											
Phalanx I	4				1	1	2											
Phalanx II	2	1			2	1				1								
Phalanx III	1					2												
Sesmoid	1																	
Unidentified																		726
Total	**44**	**4**	**105**	**3**	**46**	**28**	**114**	**2**	**7**	**104**	**2**	**2**	**1**	**2**	**1**	**1**	**5**	**726**

Table 4.20: Comparison of material from late Roman midden (2017) and late Roman hillfort ditch deposits

Condition	**Midden (2017)**	**Ditch (1004, 1010, 1011)**	**Ditch (excluding articulated deposit 1014)**
Excellent	0%	2%	3%
Good	14%	29%	22%
Moderate	49%	17%	16%
Poor	34%	40%	45%
Very poor	4%	12%	14%
Number of fragments	1671	1197	1065

Table 4.21: Element distribution from late Roman pit 4009 (number of fragments)

Element	Cattle	Horse	Large mammal	Pig	Sheep/ goat	Medium mammal	Small mammal	Domestic fowl	Unidentified
Skull						1			
Mandible				1		6			
Tooth	5	1	1	1	3				5
Axis	2				4				
Cervical vertebra					2	1			
Thoracic vertebra						1			
Lumbar vertebra			1						
Vertebra			2			1			2
Rib			7			46	1		
Sternum					1				
Scapula			1			1			
Humerus				2	8	1			
Radius	5		1			1			
Ulna	1								
Innominate	1		1		1	1			
Femur						1			
Tibia					1				
Tarsometatarsus								1	
Astragalus	1				1				
Calcaneus					2				
Phalanx I	3			1					
Phalanx II				1	1				
Long bone			4			13			
Metapodial	1			1	1				
Unidentified									458
Total	**19**	**1**	**18**	**7**	**25**	**74**	**1**	**1**	**465**

Table 4.22: Element distribution from late Roman pit 3067 (number of fragments)

Element	Cattle	Large mammal	Sheep or goat	Pig	Medium mammal	Small mammal	Duck	Bird	Unidentified
Horn core			1						
Skull	1	6	3		1				
Maxilla				4					
Mandible		1	3		2				
Tooth	6		10	5					4
Atlas			1						
Thoracic vertebra		1			4				
Lumbar vertebra		1			1				
Vertebra		15			7				
Rib		12			57	1			
Scapula		3					1		
Humerus			2		1				
Radius			3						
Ulna	1		1						
Metacarpal			4						
Metacarpal IV				2					
Innominate	2								
Femur			2		1				
Tibia	1		2						
Fibula				1					
Astragalus	1		1						
Calcaneus					1				
Navicular-cuboid			3						
Metatarsal II				4					
Metatarsal IV				1					
Long bone		53			68			1	
Carpal/tarsal		1							
Metapodial	1		2	1					
Phalanx I	2		6	3					
Phalanx II	2		3	2					
Phalanx III	1		1	1					
Unidentified									240
Total	**18**	**93**	**48**	**24**	**143**	**1**	**1**	**1**	**244**

Table 4.23: Element representation from broadly Romano-British deposits (number of fragments)

Element	Cattle	Horse	Large mammal	Pig	Sheep or goat	Medium mammal	Duck	Small mammal	Unidentified
Skull	1					1			1
Tooth	1	1	1		1				
Vertebra			3						
Rib			23			1		1	
Scapula					1				
Radius					1				
Carpo-metacarpus							1		
Metacarpal					2				
Femur	1			1					
Flat bone			4						
Long bone						3			
Indeterminate			6			4			
Total	**3**	**1**	**37**	**1**	**5**	**9**	**1**	**1**	**1**

Table 4.24: Roman to medieval element representation (number of fragments)

Element	Cattle	Horse	Large mammal	Pig	Sheep	Sheep or goat	Dog	Medium mammal	Unidentified
Horn core	1				1				
Skull	1		6	1				2	
Mandible	3		4	1		4	1		
Tooth	31	3	6	8		30	1		1
Atlas	1			1					
Axis	1								
Thoracic vertebra								1	
Lumbar vertebra			3						
Caudal vertebra			1						
Vertebra			2						
Rib			33					41	
Humerus	1			1		1		1	
Radius	1			1		4			
Ulna	1					1			
Metacarpal	3					1			
Innominate	3		1			5		1	
Femur	2		2	1		4		2	
Patella			1						
Tibia	2		2			3			
Astragalus	2	1		1					
Calcaneus	3			4					
Navicular-cuboid	1								
Metatarsal	1					3			
Metatarsal III				1					
Long bone			168					183	
Carpal/tarsal	1		3						
Metapodial	7			1					
Phalanx I	1	2		2		1			
Phalanx II	7			2		1			
Phalanx III	1		1						
Unidentified									650
Total	**75**	**6**	**233**	**25**	**1**	**58**	**2**	**231**	**651**

Table 4.25: Medieval element representation (number of fragments)

Element	Cattle	Horse	Red deer	Deer	Large mammal	Pig	Sheep or goat	Dog	Medium mammal	Rabbit	Small mammal	Mouse	Field vole	Vole	Rodent	Domestic fowl	Bird	Frog/toad	Unidentified
Antler			3	1															
Horn core							3												7
Skull	1				26		6		9	1			1						13
Maxilla	1					1	3					1							
Mandible	6				2	3	35		10			2		2					5
Tooth	95	6			28	18	120		1										74
Hyoid									1										
Atlas	1					4													
Axis	1						5												
Cervical vertebra							3		2										
Thoracic vertebra					6		2		10										
Lumbar vertebra					4		1		4										
Caudal vertebra									3										
Vertebra					18				24		3								26
Rib					31				189		12								1
Sternum					1		4		3										
Coracoid																	1		
Scapula	1				4	1	4	1	11										3
Humerus	1				2	5	11					1		1				2	
Radius	3					1	14		2		1	2					1		
Ulna	1				2	6	9		2			2		1					
Radio-ulna																		2	
Metacarpal	5				1		9												
Metacarpal IV						3													
Metacarpal V						1													
Innominate	3	1			7	1	11		5	1		1		2					
Sacrum									1										
Femur	3				2		8					2			1	3		1	
Patella	1				1														
Tibia	5				4	2	15		2	2		2		1					
Fibula	2																		
Tibio-fibula																		1	
Tibiotarsus																1			
Astragalus	9					1	4												
Calcaneus	6				1	2	5												
Navicular cuboid	4					1													
Metatarsal	3						8		1										
Metatarsal II						2													
Metatarsal III						6													
Metatarsal IV						3													
Long bone					209				408		11						2		5
Carpal/tarsal	1				10				4										
Metapodial	3				2	4	3		2		4	6							
Phalanx I	8					11	9		1										
Phalanx II	7					5	2												
Phalanx III	4					1	2												
Unidentified					1		3				1						1		2609
Total	**175**	**7**	**3**	**1**	**362**	**82**	**299**	**1**	**695**	**4**	**32**	**19**	**1**	**7**	**1**	**4**	**5**	**6**	**2743**

Table 4.26: Post-medieval animal bone assemblage (number of fragments)

Element	Cattle	Horse	Large mammal	Pig	Sheep or goat	Roe deer	Badger	Medium mammal	Domestic fowl	Hare	Rabbit	Small mammal	Unidentified
Horn core													
Skull								9					
Maxilla										1			
Mandible	5				1								
Tooth	13	3		4	17								
Thoracic vertebra								1					
Lumbar vertebra			3					1			1	1	
Vertebra			5										
Rib			13					16				1	
Coracoid									1				
Scapula	1			3				2					
Humerus	1	1	1	3	2				1				
Radius					4	1	1						
Ulna							1						
Metacarpal	4				1								
Innominate					2								
Femur	2				1		1					1	
Tibia				4	5			1			1		
Astragalus	2												
Calcaneus	2												
Navicular-cuboid	1												
Metatarsal	1				1								
Metatarsal IV										1			
Long bone			54					37					
Carpal/tarsal	1												
Metapodial					1								
Phalanx I	1			2	1								
Unidentified			2										171
Total	**34**	**4**	**78**	**16**	**36**	**1**	**3**	**67**	**2**	**2**	**2**	**3**	**171**

Table 4.27: Sheep/goat age-at-death from mandibular tooth wear, numbers of mandibles

Age-at-death	Early Iron Age	Middle Iron Age	Late Roman	Roman to medieval	Medieval
Foetal or neonate	4	-	-	-	-
1-3 months	4	-	-	-	1
1-10 months	2	-	-	-	-
3-10 months	6	1	-	-	-
10-20 months	6	1	-	-	1
20-34 months	1	-	-	-	15
3-5 years	1	1	-	-	-
3-8 years	-	-	-	1	-
5-8 years	4	1	2	-	4
Total	**28**	**4**	**2**	**1**	**21**

Table 4.28: Cattle age-at-death from mandibular tooth wear, numbers of mandibles

Age -at-death	Early Iron Age	Middle Iron Age	Late Roman	Roman to medieval
<1 month	-	-	-	-
1-8 months	1	-	-	-
8-18 months	-	1	-	-
18-30 months	-	-	-	-
30-36 months	-	-	-	-
Young adult	2	-	-	-
Young adult - adult	1	-	-	-
Young adult - senile	-	-	1	-
Adult - senile	1	-	-	-
Old adult	-	-	-	1
Senile	1	-	1	-
Total	**6**	**1**	**2**	**1**

Table 4.29: Pig age-at-death from mandibular tooth wear, numbers of mandibles

Age-at-death	Early Iron Age	Late Roman
Neonatal	-	-
Juvenile	-	-
Immature	2	3
Sub-adult	10	1
Sub-adult to adult	-	1
Adult	7	-
Total	**20**	**5**

Table 4.30: Sex of pigs

Period	Context	Pit 3006	Side	Element	Male	Female
Early Iron Age	3018		R	Mandibular canine		✓
Early Iron Age	3018		R	Canine	✓	
Early Iron Age	3018		R	Canine		✓
Early Iron Age	3007	✓	R	Mandibular canine	✓	
Early Iron Age	3018		L	Canine		✓
Early Iron Age	3018		L	Mandibular canine		✓
Early Iron Age	3024		R	Canine	✓	
Early Iron Age	3024		-	Maxillary canine		✓
Early Iron Age	3034		R	Mandible		✓
Early Iron Age	3034		L	Maxillary canine	✓	
Early Iron Age	3040	✓	R	Mandibular canine	✓	
Early Iron Age	3040	✓	R	Mandibular canine	✓	
Early Iron Age	3040	✓	R	Mandibular canine		✓
Early Iron Age	3046		L	Mandibular canine	✓	
Early Iron Age	3046		R	Mandibular canine	✓	
Early Iron Age	3050		R	Mandibular canine	✓	
Early Iron Age	3061	✓	R	Mandibular canine	✓	
Early Iron Age total	-		-	-	10	7
Middle Iron Age	3014		L	Tooth		✓
Middle Iron Age	3054		L	Mandibular canine		✓
Middle Iron Age total	-		-	-	0	2
Late Roman	1004		L	Mandibular canine	✓	
Late Roman	1011		R	Mandibular canine		✓
Late Roman	1011		L	Mandibular canine	✓	
Late Roman	3122		L	Maxillary canine		✓
Late Roman	3055		R	Mandibular canine	✓	
Late Roman total	-		-	-	3	2
Medieval	3130		L	Mandibular canine	✓	
Medieval total	-		-	-	1	0
Total					**14**	**11**

Table 4.31: Bone fusion data for dog elements

Period	Context	Element	Proximal	Distal	Age-at-death
Late Roman	1004	Humerus	-	Fused	>8-9 months
Late Roman	1011	3rd metacarpal	Fused	-	>7 months
Late Roman	1011	4th metacarpal	Fused	Fused	>8 months
Late Roman	1011	1st phalanx	Fused	Fused	>7 months
Late Roman	1011	2nd metacarpal	Fused	-	Born
Late Roman	1011	4th metacarpal	Fused	-	Born
Late Roman	1011	Pelvis	Fused	-	> 6months
Late Roman	1011	Metapodial	Fused	-	Born
Late Roman	1011	1st phalanx	Fused	Fused	Born
Late Roman	1014	Cervical	Fused	Fused	>3-6 months
Late Roman	1014	Cervical	Fused	Fused	>3-6 months
Late Roman	1014	Lumbar	Fused	Fused	>3-6 months
Late Roman	1014	Thoracic	Fused	Fused	>3-6 months
Late Roman	1014	Caudal	Fused	Fused	>3-6 months
Late Roman	1014	Radius	Fused	-	>11-12 months
Late Roman	1014	Ulna	Fused	-	>9-10 months
Late Roman	2016	5th metatarsal	Fused	Fused	>10 months
Medieval	3130	Scapula	Fused	-	>6-7 months

*Table 4.32: Bone measurement data following von den Driesch (1976). Measurements marked * are from slightly abraded bones*

Phase	Context	Species	Element	Notes
Late Bronze Age	6036	Cattle	Phalanx II	GL=35.2 Bp=25.7 SD=19.7 Bd=22.1
Late Bronze Age	6027	Pig	Metacarpal III	Bp=18.1
Early Iron Age	3018	Cattle	Astragalus	GLm=62, GLl=57, Dm=34, Bd=27
Early Iron Age	3018	Cattle	Astragalus	GLm=60, GLl=54, Dm=32, Dp=29
Early Iron Age	3040	Cattle	Astragalus	GLl=56, GLm=61, Dl=35, Dm=34, Bd=30
Early Iron Age	3046	Cattle	Astragalus	GLl=58, GLm=63, Dl=36, Dm=35, Bd=30
Early Iron Age	3024	Cattle	Humerus	SD=33, BT=70
Early Iron Age	3024	Cattle	Metacarpal	Bp=53, SD=29
Early Iron Age	3046	Cattle	Metacarpal	Bp=55
Early Iron Age	3046	Cattle	Metacarpal	GL=190, Bp=50, SD=27, Dd=23, Bd=51
Early Iron Age	6017	Cattle	Metacarpal	Bp=51.8 Dp=32.5
Early Iron Age	3018	Cattle	Metatarsal	GL=195, Bp=43, SD=22, Dd=21, Bd=51
Early Iron Age	3046	Cattle	Metatarsal	Bp=45, SD=23
Early Iron Age	3046	Cattle	Metatarsal	GL=210, Bp=38, SD= 22, Dd=27, Bd=47
Early Iron Age	3061	Cattle	Metatarsal	GL=217, Bp=45, SD=24, Dd=25, Bd=54
Early Iron Age	6004	Cattle	Metatarsal	Bp=42.6
Early Iron Age	3007	Cattle	Phalanx I	GL=56, Bp=28, SD=25, Bd=27
Early Iron Age	3007	Cattle	Phalanx I	Bp=27, Bd=27
Early Iron Age	3018	Cattle	Phalanx I	GL=56, Bp=32, SD=27, Bd=30
Early Iron Age	3034	Cattle	Phalanx I	GL=57, Bp=26, Bd=25
Early Iron Age	3040	Cattle	Phalanx I	GL=54, Bp=25, Bd=23
Early Iron Age	3040	Cattle	Phalanx I	GL=55, Bp=26, Bd=23
Early Iron Age	3024	Cattle	Phalanx II	GL=40, Bp=31, Bd=26
Early Iron Age	3024	Cattle	Phalanx II	GL=37, Bp=30, Bd=25
Early Iron Age	3040	Cattle	Phalanx II	GL=34, Bp=28, Bd=22
Early Iron Age	3040	Cattle	Phalanx II	GL=37, Bp=26, Bd=22
Early Iron Age	3050	Cattle	Phalanx II	GL=33, Bp=27, Bd=22
Early Iron Age	6017	Cattle	Phalanx II	GL=36.4 Bp=28.4 SD=23.0 Bd=23.3
Early Iron Age	3034	Cattle	Phalanx III	DLS=43, Ld=32, MBS=11
Early Iron Age	3040	Cattle	Phalanx III	MBS=20
Early Iron Age	3024	Cattle	Radius	Bp= 74, Bfp=65
Early Iron Age	3040	Cattle	Radius	GL=243, Bp=68, BFp=61, SD=33, Bd=60, BFd=54
Early Iron Age	6021	Cattle	Radius	Bp=81.7* BFp=74.3*
Early Iron Age	6021	Cattle	Radius	Bp=76.6 BFp=72.1 SD=37.5
Early Iron Age	3040	Cattle	Scapula	GLP=61, LG=47, BG=43
Early Iron Age	6017	Cattle	Scapula	SLC=59.1 GLP=72.1* LG=59.9*
Early Iron Age	3034	Cattle	Tibia	Bd=59
Early Iron Age	3034	Cattle	Tibia	Bd=56
Early Iron Age	3039	Cattle	Tibia	Bp=89
Early Iron Age	3046	Cattle	Tibia	Bd=64
Early Iron Age	3065	Cattle	Tibia	Bd=59
Early Iron Age	3040	Dog	Mandible	M1,L=21B=10
Early Iron Age	3018	Dog	Tooth	Lower M1 GL=23, B=10
Early Iron Age	3018	Dog	Tooth	Lower M2 GL=11, B=8
Early Iron Age	3024	Dog	Tooth	Upper M1, GL=20, B=11
Early Iron Age	3024	Dog	Tooth	GL=23, B=10
Early Iron Age	3061	Dog	Tooth	Lower canine, GL=44
Early Iron Age	3024	Horse	Phalanx I	GL=81, Bp=56, BFp=51, SD=34, Bd=47, BFd=44
Early Iron Age	3040	Horse	Tibia	Bd=61
Early Iron Age	3018	Pig	Astragalus	GLm=35, GLl=33, Dm=18 Bd=16
Early Iron Age	3024	Pig	Astragalus	GLm=40, Lm=21,
Early Iron Age	3024	Pig	Astragalus	GLm=45, GLl=42, Dm=24, Dl=28 Bd=22
Early Iron Age	3024	Pig	Humerus	Bd=36, BT=30
Early Iron Age	3034	Pig	Humerus	SD=16, Bd=39, BT=33
Early Iron Age	3024	Pig	Metatarsal II	GL=56, Bd=10
Early Iron Age	6017	Pig	Metatarsal II	GL=60.0
Early Iron Age	6004	Pig	Phalanx I	Glpe-37, Bp-15, Bd-16
Early Iron Age	3061	Pig	Phalanx II	GL=19, Bp=15, Bd=14
Early Iron Age	3024	Pig	Radius	Bp=24
Early Iron Age	3034	Pig	Radius	Bp=28
Early Iron Age	6021	Pig	Radius	Bp=31.4
Early Iron Age	6021	Pig	Radius	Bp=30.1 SD=17.6
Early Iron Age	3007	Pig	Scapula	GLP=35, L=29, B=25
Early Iron Age	6021	Pig	Scapula	SLC=22.0 GCP=33.9 LG=28.6
Early Iron Age	1007	Pig	Tibia	Bd=26
Early Iron Age	3018	Pig	Tibia	Bd=32
Early Iron Age	3061	Raven	Carpo-metacarpus	GL=68, Bp=15, Did=16
Early Iron Age	3061	Raven	Carpo-metacarpus	Bp=16
Early Iron Age	3061	Raven	Femur	GL=66, Bp=14, SD=6, Bd=14, Dd=11

Phase	Context	Species	Element	Notes
Early Iron Age	3061	Raven	Femur	Bd=14, Dd=11
Early Iron Age	3061	Raven	Humerus	Bd= 20
Early Iron Age	3061	Raven	Radius	Did=9
Early Iron Age	3061	Raven	Scapula	Dic=16
Early Iron Age	3061	Raven	Tarso-metatarsus	Bp=14
Early Iron Age	3061	Raven	Tibio-tarsus	Dip=19
Early Iron Age	3061	Raven	Tibio-tarsus	Bd=13, Did=11
Early Iron Age	3061	Raven	Ulna	GL=112, Bp=14, Dip=14, SC=7, Did=13
Early Iron Age	3061	Raven	Ulna	GL*=113, Bp=14, Dip=16, SD=6, Did=12
Early Iron Age	3061	roe deer	Metacarpal	Bp=20, <317>
Early Iron Age	3061	Sheep	Metacarpal	Dd=9, Bd=21
Early Iron Age	3018	Sheep	Metatarsal	Bd=20
Early Iron Age	3040	Sheep	Metatarsal	GL=131, Bp=18, SD=9, Dd=11, Bd=21
Early Iron Age	3040	Sheep	Metatarsal	GL=124, Bp=17, SD=9, Dd=10, Bd=20
Early Iron Age	3040	Sheep	Metatarsal	Dd=9, Bd=20
Early Iron Age	3018	Sheep/goat	Astragalus	GLl=25, Dl=16, Bd=12
Early Iron Age	3040	Sheep/goat	Astragalus	GLl=23, GLm=23, Dm=14, Dl=13, Bd=11
Early Iron Age	3040	Sheep/goat	Astragalus	GLl=23, GLm=24, Dm=14, Dl=14, Bd=12
Early Iron Age	3040	Sheep/goat	Astragalus	GLl=24, GLm=25, Dl=14, Dm=14, Bd=12
Early Iron Age	3059	Sheep/goat	Astragalus	GLl= 23, GLm=24, Dl=13, Dm=15, Bd=12
Early Iron Age	3061	Sheep/goat	Astragalus	GLm=25, GLl=24, Dm=13, Dl=14, Bd=12
Early Iron Age	6004	Sheep/goat	Astragalus	GLl-25.6, GLm-24.3, Dl-14.0, Dm-14.9, Bd-16.0
Early Iron Age	3040	Sheep/goat	Calcaneum	GL=52, GB=18
Early Iron Age	3040	Sheep/goat	Calcaneum	GL=50,
Early Iron Age	3061	Sheep/goat	Calcaneum	GL=47, GB=15
Early Iron Age	3040	Sheep/goat	Femur	SD=12, Bd=32
Early Iron Age	3034	Sheep/goat	Humerus	GL=127, GLC= 114, SD=12, Bd=27, BT=26
Early Iron Age	3034	Sheep/goat	Humerus	Bd=23, BT=23
Early Iron Age	3040	Sheep/goat	Humerus	GL=129, GLC=115, Bp=33, SD=11, Bd=25, BT=24
Early Iron Age	3040	Sheep/goat	Humerus	Bd=26, BT=24
Early Iron Age	3040	Sheep/goat	Humerus	Bd=27, BT=27
Early Iron Age	3040	Sheep/goat	Humerus	Bd=28, BT=28
Early Iron Age	3050	Sheep/goat	Humerus	Bp=28, BT=27
Early Iron Age	3061	Sheep/goat	Humerus	Bd=26, BT=24
Early Iron Age	3061	Sheep/goat	Humerus	Bd=25, BT=25
Early Iron Age	6017	Sheep/goat	Humerus	Bd=26.5
Early Iron Age	3036	Sheep/goat	Metacarpal	Bp=23
Early Iron Age	3038	Sheep/goat	Metacarpal	Bp=19
Early Iron Age	3040	Sheep/goat	Metacarpal	Bp=20
Early Iron Age	3040	Sheep/goat	Metacarpal	Bp=19
Early Iron Age	3040	Sheep/goat	Metacarpal	Dd=9, Bd=21
Early Iron Age	3046	Sheep/goat	Metacarpal	Bp=21, SD=12
Early Iron Age	3050	Sheep/goat	Metacarpal	GL=115, Bp=19, Dd=10, Bd=21
Early Iron Age	3061	Sheep/goat	Metacarpal	Bp=21
Early Iron Age	3061	Sheep/goat	Metacarpal	Bp=22, SD=15, Dd=12, Bd=25
Early Iron Age	1017	Sheep/goat	Metapodial	Dd=7, Bd=20
Early Iron Age	3061	Sheep/goat	Metatarsal	Bp=12
Early Iron Age	2028	Sheep/goat	Phalanx I	GL=33, Bp=11, Bd=10
Early Iron Age	3018	Sheep/goat	Phalanx I	GL=33, Bp=10, Bd=10
Early Iron Age	3018	Sheep/goat	Phalanx I	GL=32, Bp=10, Bd=9
Early Iron Age	3034	Sheep/goat	Phalanx I	GL=33, Bp=11, Bd=10
Early Iron Age	3036	Sheep/goat	Phalanx I	GL=32, Bp=10, Bd=9
Early Iron Age	3039	Sheep/goat	Phalanx I	GL=34, Bp=10, Bd=9
Early Iron Age	3040	Sheep/goat	Phalanx I	GL=30, Bp=11, Bd=10
Early Iron Age	3040	Sheep/goat	Phalanx I	GL=30, Bp=10, Bd=9
Early Iron Age	3040	Sheep/goat	Phalanx I	GL=30, Bp=10, Bd=9
Early Iron Age	3040	Sheep/goat	Phalanx I	GL=32, Bp=11, Bd=10
Early Iron Age	3040	Sheep/goat	Phalanx I	GL=33, Bp=11, Bd=10
Early Iron Age	3040	Sheep/goat	Phalanx I	GL=30, Bp=10, Bd=10
Early Iron Age	3040	Sheep/goat	Phalanx I	GL=31, Bp=10, Bd=9
Early Iron Age	3040	Sheep/goat	Phalanx I	GL=33, Bp=11, Bd=10
Early Iron Age	3050	Sheep/goat	Phalanx I	GL=36, Bp=13, Bd=12
Early Iron Age	3061	Sheep/goat	Phalanx I	Bd=10
Early Iron Age	3061	Sheep/goat	Phalanx I	GL=32, Bp=10, Bd=9
Early Iron Age	3036	Sheep/goat	Phalanx II	GL=18, Bp=10, Bd=8
Early Iron Age	3036	Sheep/goat	Phalanx II	GL=21, Bp=9, Bd=7
Early Iron Age	3040	Sheep/goat	Phalanx II	GL=24, Bp=11, Bd=8
Early Iron Age	3061	Sheep/goat	Phalanx II	GL=19, Bp=10, Bd=9
Early Iron Age	3061	Sheep/goat	Phalanx II	GL=18, Bp=10, Bd=8
Early Iron Age	3061	Sheep/goat	Phalanx II	GL=19, Bp=9, Bd=7
Early Iron Age	3040	Sheep/goat	Phalanx III	DLS=25, Ld=19, MBS=5
Early Iron Age	3018	Sheep/goat	Radius	Bd=25, BFp=20
Early Iron Age	3040	Sheep/goat	Radius	GL*=142, Bp=27, BFp=24, Bd=25
Early Iron Age	3040	Sheep/goat	Radius	Bp=28, BFp=25

Phase	Context	Species	Element	Notes
Early Iron Age	3040	Sheep/goat	Radius	Bp=28, BFp=26, SD=13
Early Iron Age	3046	Sheep/goat	Radius	Bp=27, BFp=24
Early Iron Age	3059	Sheep/goat	Radius	Juv, Bp=29, BFp=26
Early Iron Age	3034	Sheep/goat	Scapula	GLP=27, LG=21, BG=17, SLC=12
Early Iron Age	3034	Sheep/goat	Scapula	GLP=29, LG=23, BG=18, SLC=17
Early Iron Age	3040	Sheep/goat	Scapula	GLP=29, LG=23, BG=17
Early Iron Age	3040	Sheep/goat	Scapula	Ld*=80, HS=129, DHA=136 SLC=16, GLP=27, LG=21, BG=18
Early Iron Age	3050	Sheep/goat	Scapula	SLC=17, GLP=28, LG=21, BG=17
Early Iron Age	3034	Sheep/goat	Tibia	Bd=24
Early Iron Age	3034	Sheep/goat	Tibia	Bd=21
Early Iron Age	3036	Sheep/goat	Tibia	Bp=35
Early Iron Age	3040	Sheep/goat	Tibia	SD=12, Bd=24
Early Iron Age	3040	Sheep/goat	Tibia	Bd=23
Early Iron Age	3040	Sheep/goat	Tibia	GL= 190, Bp=36, SD=12, Bd=23
Early Iron Age	3040	Sheep/goat	Tibia	Bd=23
Early Iron Age	3040	Sheep/goat	Tibia	SD=13, Bd=24
Early Iron Age	3040	Sheep/goat	Tibia	Bp=36
Early Iron Age	3040	Sheep/goat	Tibia	Bd=23
Early Iron Age	3040	Sheep/goat	Tibia	Bp=35*
Early Iron Age	3059	Sheep/goat	Tibia	SD= 13, Bd=22
Early Iron Age	6004	Sheep/goat	Tibia	Bd=23.1
Early Iron Age	3040	Sheep/goat	Ulna	BPC=14
Early Iron Age	3040	Sheep/goat	Ulna	SDO=21, DPA=23, BPC=17
Early Iron Age	3040	Sheep/goat	Ulna	BPC=15, SDO=18, DPA=22
Early Iron Age	3040	weasel	Femur	GL=27, Bp=3, SD=2, Bd=5
Middle Iron Age	3112	Cattle	Metacarpal	Bd=46
Middle Iron Age	3005	Cattle	Phalanx I	GL=51, Bp=25, Bd=23
Middle Iron Age	3112	Cattle	Phalanx I	GL=56, Bp=26, Bd=25
Middle Iron Age	3016	Cattle	Phalanx II	GL=25, Bp=17, Bd=14
Middle Iron Age	3030	Cattle	Phalanx II	GL=31, Bp=24, Bd=18
Middle Iron Age	3112	Cattle	Tibia	Bd=55
Middle Iron Age	3020	Horse	Tibia	Bd=56
Middle Iron Age	3030	Pig	Metacarpal IV	GL=70, Bd=15
Middle Iron Age	3030	Sheep	Metatarsal	GL=131, Bp=18, SD=9, Dd=9, Bd=21
Middle Iron Age	3020	Sheep/goat	Calcaneum	GL=48, GB=13
Middle Iron Age	3159	Sheep/goat	Humerus	Bd=27, BT=25
Middle Iron Age	3003	Sheep/goat	Metacarpal	Bp=18
Middle Iron Age	3020	Sheep/goat	Metacarpal	Bp=19, SD=10, Dd=8
Middle Iron Age	3030	Sheep/goat	Metatarsal	Bp=16
Middle Iron Age	3003	Sheep/goat	Phalanx I	GL=31, Bp=11, Bd=10
Middle Iron Age	3041	Sheep/goat	Radius	Bp=27, Bfp=25
Middle Iron Age	3003	Sheep/goat	Scapula	GLP=30, LG=24, SLC=18
Middle Iron Age	3052	Sheep/goat	Scapula	GLP=27, BG=28, LG=22, SLC=18
Early Roman	1006	Cattle	Humerus	BT=69
Early Roman	1006	Cattle	Ulna	DPA=52, SDO=46
Early Roman	1006	Pig	Astragalus	GLm=27, GLl=26, Dm=16, Dl=15
Early Roman	1016	Pig	Phalanx I	GL=37, BP=15, Bd=14
Early Roman	1016	Pig	Phalanx II	GL=21, Bp=15, Bd=12, <114>
Early Roman	1016	Pig	Phalanx III	DLS=23, MBS=5, Ld=18
Early Roman	1006	Sheep/goat	Humerus	BT=27
Early Roman	1016	Sheep/goat	Phalanx I	GL=33, Bp=10, Bd=10
Early Roman	1016	Sheep/goat	Phalanx I	GL=32, Bp=11, Bd=10
Early Roman	1016	Sheep/goat	Radius	Bp=27, BFp=25
Late Roman	1011	Cattle	Astragalus	GLm=64, GLl=60, Dm=35, Dl=35, Bd=29
Late Roman	2004	Cattle	Astragalus	GLm=57, GLl=52, Dm=31, Dl=30, Dp=27
Late Roman	2017	Cattle	Astragalus	GLm=67, GLl=61, Dm=37, Dl=38, Bd=31
Late Roman	1011	Cattle	Metacarpal	DD=27, Bd=52
Late Roman	3107	Cattle	Metacarpal	Bd=*58
Late Roman	2005	Cattle	Phalanx I	GL=56, Bp=24, Bd=23
Late Roman	2017	Cattle	Phalanx I	GL=53, Bp=25,
Late Roman	3069	Cattle	Phalanx I	Bd=24
Late Roman	3122	Cattle	Phalanx I	GL=58, Bp=25, Bd=23
Late Roman	2017	Cattle	Phalanx II	GL=38, Bp=31, Bd=26
Late Roman	2017	Cattle	Phalanx II	GL=38 Bp=38, Bd=23
Late Roman	2017	Cattle	Phalanx II	Bp=26, Bd=20
Late Roman	3021	Cattle	Phalanx II	GL=39, Bp=27, Bd=23
Late Roman	3105	Cattle	Phalanx II	GL*=37, Bd=*25, Bp=28
Late Roman	3107	Cattle	Phalanx II	Bp=25
Late Roman	1011	Cattle	Phalanx III	DLS=46, Ld=38, MBS=13
Late Roman	3011	Cattle	Phalanx III	DLS=70, MBS=19, Ld=51
Late Roman	3119	Cattle	Tibia	Bp=84
Late Roman	4010	D. fowl	Tarso-metatarsus	GL=77.5 Bp=12.8 SC=6.4 Bd=13.7
Late Roman	1011	Dog	Metacarpal IV	GL=67, Bd=7
Late Roman	2016	Dog	Metatarsal V	GL=53, BP=8, Bd=7

Phase	Context	Species	Element	Notes
Late Roman	1011	Dog	Phalanx I	GL=19, Bd=7
Late Roman	1014	Dog	Radius	Bp=19
Late Roman	2017	Dog	Tooth	M1 L=22, B=9
Late Roman	1014	Dog	Ulna	DPA=26, BPC=17
Late Roman	1011	Horse	Astragalus	GH=56, LmT=56, GB=58
Late Roman	3122	Horse	Astragalus	GH=49, LmT=48, GB=51, BFd=44
Late Roman	2016	Horse	Phalanx I	BP=50, BFp=45
Late Roman	1011	Pig	Astragalus	GLm=40, GLl=37, Dm=20, Dl=23, Bd=18
Late Roman	3073	Pig	Phalanx II	GL=21, Bp=14, Bd=12
Late Roman	3122	Pig	Phalanx II	GL=27, Bp=20, Bd=20
Late Roman	4010	Pig	Phalanx II	Bp 26.1, Gl 33.4, SD 20.5, Bd 20.2 some damage
Late Roman	1011	Pig	Phalanx III	DLS=27, Ld=24,MBS=13
Late Roman	2017	Pig	Phalanx III	DLS=29, MBS=12, Ld=28
Late Roman	3085	Pig	Phalanx III	DLS=26, Ld=24, MBS=11
Late Roman	3107	Pig	Scapula	GLP=*31, GL=26*, GB=21*
Late Roman	3119	Sheep/goat	Astragalus	GLm=23, GLm=25, Dm=13, Dl=14, Bd=12
Late Roman	3049	Sheep/goat	Astragalus	GLm=25, GLl=24, Dl=15, Dm=14, Bd=12
Late Roman	1004	Sheep/goat	Humerus	BT=26
Late Roman	3021	Sheep/goat	Humerus	Bd=23, BT=23
Late Roman	3129	Sheep/goat	Humerus	Bd=30, BT=27
Late Roman	4010	Sheep/goat	Humerus	Bd=26.4 BT=26.2
Late Roman	3085	Sheep/goat	Metacarpal	Bd=23
Late Roman	3107	Sheep/goat	Metatarsal	Dd=10, Bd=20
Late Roman	2017	Sheep/goat	Phalanx I	GL=33, Bp=12, Bd=10
Late Roman	2017	Sheep/goat	Phalanx I	GL=35, Bp=11, Bd=11
Late Roman	2017	Sheep/goat	Phalanx I	GL=31, Bp=10, Bd=9
Late Roman	3085	Sheep/goat	Phalanx I	GL=33, Bp=10, Bd=9
Late Roman	3085	Sheep/goat	Phalanx I	GL=33, Bp=12, Bd=10
Late Roman	3122	Sheep/goat	Phalanx I	Bd=10
Late Roman	3085	Sheep/goat	Phalanx II	GL=19, Bp=12, Bd=9
Late Roman	3085	Sheep/goat	Phalanx II	GL=19, Bp=10, Bd=8
Late Roman	1011	Sheep/goat	Radius	Bp=34, BFp=30
Late Roman	2017	Sheep/goat	Radius	GL=145, Bp=28, BFp=27, SD=15, Bd=26
Late Roman	2017	Sheep/goat	Radius	Bp=26, BFp=24
Late Roman	3011	Sheep/goat	Radius	GL=141, Bp=25, Bfp=23, SD=13, Bd=24
Late Roman	3055	Sheep/goat	Radius	Bp=27, BFp=24
Late Roman	3085	Sheep/goat	Radius	Bp=31, BFp=28
Late Roman	3122	Sheep/goat	Radius	Bp=29, BFp=25
Late Roman	3158	Sheep/goat	Scapula	GLP=30, LG=23, BG=18
Late Roman	2017	Sheep/goat	Tibia	Bd=22
Late Roman	2017	Sheep/goat	Tibia	Bd=22
Roman-Medieval	3028	Cattle	Metacarpal	GL=167, Bp=45, SD=24, Dd=20, Bd=45
Roman-Medieval	3028	Pig	Calcaneum	GL=70, GB=21
Roman-Medieval	3028	Pig	Phalanx II	GL=24, Bp=16, Bd=13
Roman-Medieval	3028	Pig	Phalanx II	GL=23, Bp=14, Bd=12
Roman-Medieval	3096	Sheep/goat	Metacarpal	Bp=17
Roman-Medieval	3028	Sheep/goat	Phalanx I	GL=32, Bp=11, Bd=10
Roman-Medieval	3062	Sheep/goat	Phalanx II	GL=20, Bp=11, Bd=8
Medieval	3044	Cattle	Astragalus	GLl=69.8, GLm=63.8, Dl=40.7, Bd=43.3
Medieval	3076	Cattle	Astragalus	GLl=64.6, GLm=59.2, Dl=35.8, Dm=28.8, Bd=42.3
Medieval	3130	Cattle	Astragalus	GLm=57, GLl=53, Dl=31, Dm=30, Bd=26
Medieval	3130	Cattle	Astragalus	GLl=59, GLm=65, Dl=35, Dm=36, Bd=28
Medieval	3130	Cattle	Astragalus	GLm=67, GLl=61
Medieval	4004	Cattle	Astragalus	GLl-61, GLm-55, Dl-34, Dm-33, Bd-37 condition quite poor
Medieval	4036	Cattle	Metacarpal	Bp=51.9 SD=30.1
Medieval	3130	Cattle	Phalanx I	Bd=23
Medieval	3130	Cattle	Phalanx I	GL=55, Bp=33, Bp=30
Medieval	3043	Cattle	Phalanx I	Glpe=50.7, Bp=27.5, SD=22.0, Bd=25.4
Medieval	3043	Cattle	Phalanx II	GL=32.5, Bp=23.1, SD=19.4, Bd=18.0
Medieval	4018	Cattle	Phalanx II	GL-41.5, Bp-30.4, SD-24.1, Bd-24.5
Medieval	6012	Cattle	Phalanx II	GL=32.3 Bp=24.4 SD=19.6 Bd=20.8
Medieval	3130	Dog	Scapula	GLP=32, SLC=26, LG=26, BG=19
Medieval	3045	Pig	Phalanx II	GL=23, Bp=17, Bd=15
Medieval	3022	Pig	Phalanx II	GL=20.3, Bp=15.9, SD=13.7, Bd=14.2
Medieval	3045	Pig	Radius	Bp=27
Medieval	4017	Pig	Tibia	Bd=31.0 Dd=26.1
Medieval	6030	Sheep/goat	Astragalus	GLl=27.1 GLm=25.6 Dl=15.0 Bd=17.4
Medieval	3130	Sheep/goat	Calcaneum	GL=54
Medieval	6024	Sheep/goat	Calcaneum	GB=19.8
Medieval	3022	Sheep/goat	Humerus	BT=27.4, Bd=28.5 slight damage
Medieval	3075	Sheep/goat	Humerus	Bd=25.5, BT=24.5
Medieval	6024	Sheep/goat	Humerus	Bd=28.6 BT=27.4
Medieval	4040	Sheep/goat	Metacarpal	<Bp=20.6 Dp=15.1
Medieval	6024	Sheep/goat	Metacarpal	Bp=20.1 Dp=14.8

Phase	Context	Species	Element	Notes
Medieval	6030	Sheep/goat	Metacarpal	Bp=19.8 Dp=15.1
Medieval	1005	Sheep/goat	Metatarsal	Bp=17, SD=10
Medieval	3022	Sheep/goat	Metatarsal	Bp=16.0
Medieval	4040	Sheep/goat	Metatarsal	Bp=18.9 Dp=18.0
Medieval	3022	Sheep/goat	Phalanx I	Bd=9.2
Medieval	3076	Sheep/goat	Phalanx I	Glpe=32.5, Bp=13.4, SD=10.0, Bd=12.8
Medieval	6024	Sheep/goat	Phalanx I	Glpe=35.2 Bp=12.9 Sd=10.1 Bd=12.1
Medieval	6030	Sheep/goat	Phalanx I	GLPe=37.4 Bp=11.7 SD=9.1 Bd=10.7
Medieval	3022	Sheep/goat	Phalanx II	Bd=10.7
Medieval	6012	Sheep/goat	Phalanx II	Glpe=22.3 Bp=10.3 SD=7.4 Bd=8.4
Medieval	3130	Sheep/goat	Radius	Bd=24
Medieval	4017	Sheep/goat	Radius	SD=16.0 Bd=27.5
Medieval	6024	Sheep/goat	Radius	SD=15.2 Bd=25.4 BFd=21.4
Medieval	6024	Sheep/goat	Radius	Bp=26.0 BFp=23.9
Medieval	4040	Sheep/goat	Scapula	SLC=18.0 GLP=28.4 LG=21.5 Bg=16.9
Medieval	4040	Sheep/goat	Scapula	GLP=28.8 LG=22.2 Bg=18.9
Medieval	3130	Sheep/goat	Tibia	Bp=22
Medieval	6024	Sheep/goat	Tibia	SD=14.8 Bd=24.7
Post-medieval	1003	Badger	Femur	Bp=31
Post-medieval	4000	Cattle	Astragalus	GLm-54.9, Dm-28.0, Dl-33.7, Bd-36.7
Post-medieval	5002	Cattle	Phalanx I	SD-21.3, Bd-24.6
Post-medieval	2001	domestic fowl	Humerus	GL=62, Bp=17, SC=7, Bd=14
Post-medieval	3023	Sheep/goat	Metatarsal	Bp=17.1, Dp=16.9

Table 4.33: Frequency of cattle sheep and pig bones as a percentage of their sum for each phase. Calculated using MNI (minimum number of individuals) and NISP (number of identified specimens)

Phase	Cattle		Sheep or goat		Pig		Total	
	NISP	MNI	NISP	MNI	NISP	MNI	NISP	MNI
Late Bronze Age	20 (44%)	2	16 (36%)	1	9 (20%)	1	45	4
Early Iron Age, exc. Pit 3006	369 (45%)	7 (30%)	252 (30%)	6 (26%)	206 (25%)	10 (43%)	827	23
Early Iron Age	495 (34%)	11 (20%)	647 (45%)	25 (46%)	306 (21%)	18 (33%)	1448	54
Middle Iron Age	62 (30%)	2	116 (55%)	5	32 (15%)	2	210	9
Early Roman	8 (27%)	2	9 (30%)	1	13 (43%)	2	30	5
Late Roman	263 (37%)	3	331 (47%)	10	108 (16%)	3	702	16
Roman to medieval	75 (40%)	2	59 (48%)	3	25 (13%)	3	159	8
Medieval	175 (31%)	4	299 (54%)	6	82 (15%)	4	556	14

Table 4.34: Oyster shell

Phase	No.	Weight (g)
Late Iron Age/early Roman	1	5
Late Roman	16	150
Roman/medieval	1	4
Medieval	5	27
Total	**23**	**186**

Table 4.35: Snails from late Bronze Age enclosure ditch 3017. Key to habitats: W: woodland; O: open country; I: intermediate; B: burrowing. Abundance of C. Acicula shown as +: present; ++: common

	Context	**3082**	**3121**	**3081**	**3118**	**3050**	**3050**	**3072**	**3065**	**3065**	**3065**	**3048**	**3048**	**3048**	**3048**	**3024**	**3024**
	Sample	**318**	**319**	**321**	**320**	**322**	**338**	**323**	**325**	**327**	**329**	**331**	**332**	**333**	**334**	**335**	**336**
	Date	**LBA**	**LBA**	**LBA**	**LBA**	**EIA**	**EIA**	**EIA**	**EIA**	**EIA**	**EIA**	**EIA**	**EIA**	**EIA**	**EIA**	**EIA**	**EIA**
Pomatias elegans	I	-	-	2	1	-	2	-	2	5	4	2	3	1	2	-	-
Carychium tridentatum	W	-	-	-	-	-	100	-	-	-	-	-	-	-	-	-	-
Carychium sp.	W	-	-	3	19	5	-	5	13	4	1	21	6	31	9	2	-
Cochlicopa sp.	I	-	-	-	-	1	6	-	-	5	-	18	4	25	-	5	-
Vertigo pygmaea	O	-	-	-	-	-	-	-	-	-	-	-	-	1	4	2	-
Pupilla muscorum	O	-	-	1	-	-	2	-	-	-	1	-	3	-	1	17	-
Vallonia costata	O	-	-	-	-	1	-	-	-	-	-	2	3	6	-	2	5
Vallonia excentrica	O	-	-	2	-	-	-	-	-	-	1	-	5	1	4	12	18
Vallonia sp.	O	-	-	2	2	-	1	-	-	1	-	-	6	19	15	29	48
Acanthinula aculeata	W	-	-	-	-	-	-	1	-	-	1	3	-	-	-	-	-
Ena obscura	W	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Discus rotundatus	W	-	-	-	1	-	24	-	-	12	2	20	25	12	6	1	-
Vitrina sp.	I	-	-	-	-	-	6	-	-	-	-	-	-	2	-	-	-
Vitrea sp.	I	-	-	-	1	-	43	1	1	4	3	29	2	10	-	4	2
Nesovitrea hammonis	I	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
Aegopinella pura	W	-	-	-	-	-	7	-	4	5	10	36	12	5	-	1	-
Aegopinella nitidula	W	-	-	-	1	-	6	1	7	12	4	17	6	8	-	-	-
Oxychilus cellarius	W	2	-	-	2	1	37	-	2	16	2	-	2	2	-	-	2
Limax or *Deroceras* sp.	I	-	1	-	-	-	9	1	9	24	21	14	16	6	3	23	-
Cecelioides acicula	B	-	-	-	-	+	+	+	+	+	++	+	++	+	++	++	+
Cochlodina laminata	W	-	-	-	-	-	-	-	-	1	1	1	1	1	-	-	-
Macrogastra rolphii	W	-	-	-	-	-	-	-	1	1	3	3	1	2	1	-	-
Clausilia bidentata	W	-	-	-	1	1	-	1	1	2	-	2	4	1	-	1	-
Helicella itala	I	-	-	-	-	-	-	-	-	-	1	-	1	-	-	2	4
Trichia hispida	I	-	-	-	1	-	12	1	4	3	3	3	6	18	2	4	8
Trichia striolata	I	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Cepaea sp.	I	-	-	-	-	1	1	-	1	1	-	-	-	2	-	-	-
Arianta or *Cepaea* sp.	I	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Total excluding *C. acicula*		**2**	**1**	**10**	**29**	**10**	**256**	**11**	**49**	**108**	**58**	**173**	**108**	**153**	**47**	**105**	**87**

Table 4.36: Snails from late Bronze Age enclosure ditch 6003. Key to habitats as Table 4.35

	Context	**6036**	**6036**	**6034**	**6027**	**6027**	**6021**	**6017**
	Sample	**614**	**615**	**616**	**617**	**619**	**621**	**611**
	Date	**LBA**	**LBA**	**LBA**	**LBA**	**LBA**	**EIA**	**EIA**
Pomatias elegans	I	-	-	-	7	15	2	-
Acicula fusca	W	-	-	-	-	2	-	-
Carychium sp.	W	-	-	98	202	178	106	-
Cochlicopa sp.	I	-	-	3	17	8	2	-
Vertigo pymgaea	O	-	-	-	-	-	-	3
Vallonia costata	O	-	-	-	4	4	-	1
Vallonia excentrica	O	-	-	-	1	1	-	1
Vallonia sp.	O	-	-	1	1	4	-	3
Acanthinula aculeata	W	-	-	1	9	12	3	-
Ena obscura	W	-	-	-	3	2	-	-
Punctum pygmaeum	I	-	-	-	3	-	-	-
Discus rotundatus	W	-	-	-	24	24	6	-
Vitrina pellucida	I	-	-	1	3	2	-	-
Vitrea sp.	I	-	-	11	92	39	19	-
Nesovitrea hammonis	I	-	-	-	11	-	-	-
Aegopinella pura	W	1	-	21	27	63	13	-
Aegopinella nitidula	W	-	-	5	32	33	11	-
Oxychilus cellarius	W	-	-	4	9	5	-	-
Limax or *Deroceras* sp.	I	-	-	3	12	5	10	7
Euconulus fulvus	W	-	-	-	-	1	-	-
Cecelioides acicula	B	-	-	+	++	+	-	+
Cochclodina laminata	W	-	-	-	1	-	1	-
Macrogastra rolphii	W	-	-	-	2	1	-	-
Clausilia bidentata	W	-	-	-	3	4	1	-
Helicella itala	I	-	-	-	-	1	-	-
Trichia hispida	I	-	1	6	9	13	4	-
Arianta arbustorum	I	1	-	-	-	-	-	-
Cepaea sp.	I	-	-	1	2	2	2	-
Arianta or *Cepaea* sp.	I	-	-	1	1	5	-	-
Total excluding *C. acicula*		**2**	**1**	**156**	**475**	**424**	**180**	**15**

Table 4.37: Snails from the hillfort ditch. Key to habitats as Table 4.35. ER: late Iron Age/early Roman; LR: late Roman; PM: post-medieval

	Context	**1023**	**1023**	**1017**	**1017**	**1017**	**1017**	**1017**	**1006**	**1006**	**1016**	**1016**	**1011**	**1011**	**1004**	**1010**	**1002**
	Sample	**103**	**109**	**104**	**105**	**106**	**107**	**108**	**111**	**112**	**1I3**	**114**	**115**	**116**	**117**	**118**	**119**
	Date	**EIA**	**EIA**	**EIA**	**EIA**	**EIA**	**EIA**	**EIA**	**ER**	**ER**	**ER**	**ER**	**LR**	**LR**	**LR**	**LR**	**PM**
Pomatias elegans	I	-	-	-	-	-	-	-	4	4	-	1	-	2	15	3	4
Carychium sp.	W	1	-	-	-	2	-	-	5	3	248	105	40	82	86	7	2
Cochlicopa sp.	I	-	-	-	-	-	-	-	1	1	3	17	12	27	3	1	1
Truncatellina cylindrica	O	1	-	-	-	-	-	-	-	-	-	-	-	4	2	-	-
Vertigo pygmaea	O	-	-	-	-	-	-	-	5	1	12	18	25	17	7	7	9
Vertigo sp.	O	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-
Pupilla muscorum	O	10	8	13	14	11	2	8	-	5	12	12	10	18	5	14	9
Vallonia costata	O	2	1	-	-	-	-	-	6	4	291	167	48	77	52	18	6
Vallonia excentrica	O	3	1	3	1	1	-	-	-	4	6	13	28	20	10	17	27
Vallonia sp.	O	6	1	-	2	3	1	-	16	4	203	155	131	57	47	27	35
Acanthinula aculeata	W	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Ena obscura	W	-	-	-	-	-	-	-	-	-	9	4	1	2	-	-	-
Ena sp.	W	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Punctum pygmaeum	I	-	-	-	-	-	-	-	-	1	54	34	18	10	3	1	2
Vitrina pellucida	I	-	-	-	-	-	-	-	-	-	2	2	-	4	-	-	-
Vitrea sp.	I	-	-	-	1	-	-	-	1	1	14	7	1	1	1	-	-
Nesovitrea hammonis	I	-	-	-	-	-	-	-	-	-	13	4	-	2	-	-	-
Aegopinella pura	W	-	-	-	-	-	-	-	-	-	-	19	-	-	2	-	-
Aegopinella nitidula	W	-	-	-	-	-	-	-	3	4	39	26	10	25	13	-	-
Oxychilus cellarius	W	1	-	-	1	-	-	-	-	1	13	6	-	5	1	-	-
Limax or *Deroceras* sp.	I	-	-	-	-	-	-	-	3	-	38	7	35	49	4	-	17
Cecelioides acicula	B	+	-	-	-	-	-	-	++	+	++	++	+	++	++	+	++
Clausilia bidentata	W	-	-	-	-	-	-	-	1	-	-	1	-	-	2	-	-
Candidula gigaxii	O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1
Helicella itala	I	-	1	-	1	-	1	2	7	2	2	3	1	4	4	11	7
Trichia hispida	I	-	-	-	-	-	-	-	26	23	120	163	27	60	57	20	7
Arianta arbustorum	I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Cepaea nemoralis	I	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Cepaea sp.	I	-	-	-	-	-	-	-	-	-	-	-	2	4	1	1	-
Arianta or *Cepaea* sp.	I	-	-	-	-	-	-	-	-	-	4	5	-	1	6	1	1
Helix aspersa	I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Total excluding *C. acicula*		24	12	16	20	17	4	10	79	58	1084	784	389	471	322	131	129

Table 4.38: Pit samples from Castle Hill (Trenches 3, 4 and 6)

Period	Trenches 3, 4 and 6 pit samples
Late Bronze Age	606
Early Iron Age	317, 414, 604
Early – middle Iron Age	304
Middle Iron Age	301

Table 4.39: Charred plant remains from prehistoric and medieval features in Trenches 3, 4 and 6

Sample		**606**	**317**	**414**	**604**	**304‡**	**301**	**405**	**603**	
Context		**6027**	**3061**	**3040**	**6029**	**3020**	**3003**	**4040**	**6024**	
Feature	**Habitat Code**	**6003**	**3006**	**3006**	**6028**	**3019**	**3002**	**4003**	**6011**	
Feature type		**Ditch**	**Pit**	**Pit**	**Pit**	**Pit**	**Posthole**	**Pit**	**Pit**	
Period		**LBA**	**EIA**	**EIA**	**EIA**	**EIA/ MIA**	**MIA**	**Med**	**Med**	
Sample Volume (litres)		**40**	**30**	**40**	**10**	**15**	**15**	**12**	**19**	
Seeds per litre		**0.2**	**0.1**	**0.2**	**0.3**	**0.4**	**1.4**	**0.0**	**0.1**	
Latin Binomial										English Common Name
CEREAL GRAIN										
Hordeum sp. – hulled	C	-	11	32	-	3	1	92	-	Hulled barley
Hordeum sp. – hulled, twisted	C	2	1	7	-	-	-	-		Twisted hulled barley
Hordeum sp. – hulled, straight	C	-	2	5	-	3	1	3	-	Straight hulled barley
Hordeum sp. – indeterminate	C	-	10	4	-	1	-	11	2	Barley
Triticum cf. dicoccum Schübl.	C	4	-	-	-	-	-	-	-	Possible emmer wheat
Triticum dicoccum Schübl./ spelta L.	C	78	26	40	2	1	3	-	-	Emmer or spelt wheat
Triticum spelta L.	C	5	9	12	-	1	3	-	-	Spelt wheat
Triticum sp. – free-threshing, short-grained	C	-	3	-	-	-	1	58	90	Rivet or bread wheat
Triticum sp. – indeterminate	C	-	1	2	-	-	6	3	2	Wheat
Secale cereale L.	C	-	-	-	-	-	-	1	2	Rye
Cereal – indeterminate.	C	100	208	62	5	9	11	673	190	
CEREAL CHAFF										
Triticum cf. dicoccum Schübl. – glume*	C	3	-	-	-	-	-	-	-	Emmer wheat
Triticum spelta L. - glume*	C	2	12	10	-	1	-	-	-	Spelt wheat
Triticum dicoccum Schübl./ spelta L.	C	2	13	19	-	1	-	-	-	Emmer or spelt
OTHER FOOD PLANTS										
Vicia faba L./ Pisum sativum L.	C	-	-	-	-	-	-	2	3	Broad or horse bean/ garden pea
Corylus avellana L. - nutshell fragments	H S W	-	2	-	-	-	-	32	-	Hazel

Table 4.39 (continued)

Sample	**Habitat Code**	**606**	**317**	**414**	**604**	**304‡**	**301**	**405**	**603**	
Context		**6027**	**3061**	**3040**	**6029**	**3020**	**3003**	**4040**	**6024**	
Feature		**6003**	**3006**	**3006**	**6028**	**3019**	**3002**	**4003**	**6011**	
Feature type		**Ditch**	**Pit**	**Pit**	**Pit**	**Pit**	**Posthole**	**Pit**	**Pit**	
Period		**LBA**	**EIA**	**EIA**	**EIA**	**EIA/ MIA**	**MIA**	**Med**	**Med**	
WEED/ WILD PLANTS										
Fumaria spp.	A Wa	1	-	-	-	-	-	-	-	Fumitory
Atriplex spp.	c/d	-	-	1	-	-	-	-	-	Orache
Montia fontana L.	M	-	10	1	-	-	-	-	-	Blinks
Stellaria media (L.) Vill. s.l.	A	-	5	-	-	-	-	-	-	Common chickweed
Polygonum aviculare L.	A	-	4	2	-	-	-	-	-	Knotgrass
Rumex sp.	-	-	-	2	-	7	-	-	2	Dock
Vicia spp/ Lathyrus spp.	-	-	12	11	-	1	1	18†	11†	Vetch/ vetchling
FABACEAE – unidentified	-	-	1	-	-	-	-	-	-	Pea Family
Bupleurum rotundifolium L.	A	-	-	-	-	-	-	1	-	Thorow-wax
Lithospermum arvense L.	A	-	11	-	-	-	-	-	-	Corn gromwell
Galium aparine L.	A	-	-	2	-	-	-	-	2	Cleaver or goosegrass
Tripleurospermum inodorum (L.) Sch.	A c/d	-	1	-	-	-	-	-	-	Scentless mayweed
Carduus spp./ Cirsium spp.	-	-	1	-	-	-	-	-	-	Thistle
Eleocharis spp.	M	-	-	1	-	-	-	-	-	Spite rush
Schoenoplectus lacustris (L.) Palla	M We	-	1	-	-	-	-	-	-	Bulrush
Carex spp. – 3-sided	M	-	-	-	-	1	-	-	-	Sedge
Bromus spp.**	-	-	38	12	-	8	3	-	-	Brome grass
cf. Bromus spp.	-	-	39	12	-	8	6	-	1	Brome grass
Avena spp.	A	-	3	-	-	3	-	158	16	Wild or cultivated oats
POACEAE - indeterminate	-	-	3	-	-	2	-	1	-	Grass Family
Indeterminate	-	-	-	1	-	-	-	-	-	
Total Identifications		**197**	**427**	**238**	**50**	**36**	**36**	**1053**	**321**	

Table 4.39 (continued)

* glume can indicate glume/ glume base or spikelet fork - however 2 glumes per spikelet fork are counted (pers. comm. M. Robinson). ‡Sample contains mineralised items.
†Harrold noted that some of the *Vicia* spp./ *Lathyrus* spp. seeds were large, but did not indicate quantity. ** *Bromus* spp. = *Bromus* Section Eubromus, but reflects nomenclature changes in Stace (1997)

Habitat Codes based on Stace (1997) and modified from M. Jones (1978) and Carruthers (1990):

A = weed of arable cultivation	C = cultivar	H = plant of hedgerows
M = plant of marshy or very damp ground	S = plant of scrub	W = plant of woodland
Wa = plant of waste ground	We = plant of shallow water, lakes, ponds, slow rivers	c/d = preference for cultivated and disturbed ground
- = unassigned		

Table 4.40: The relative proportion of charred plant remains from late Bronze Age – middle Iron Age deposits in Trench 6

TRENCH 6 SAMPLES						
Sample	606	317	414	604	304	301
Context	6027	3061	3040	6029	3020	3003
Feature	6003	3006	3006	6028	3019	3002
Feature Type	ditch	pit	pit	posthole	pit	pit
Period	LBA	EIA	EIA	EIA	EIA/MIA	MIA
TOTAL COUNT						
Cereal Grain	189	274	164	26	21	26
Cereal Chaff	7	25	29	0	2	0
Other Food Plants	0	2	0	0	0	0
Weed/ Wild Plants	1	126	44	10	27	10
Indeterminate	0	0	1	0	0	0
Total Identifications	197	497	238	36	50	36
PROPORTION						
Cereal Grain	95.9%	64.2%	68.9%	72.2%	42.0%	72.2%
Cereal Chaff	3.6%	5.9%	12.2%	0.0%	4.0%	0.0%
Other Food Plants	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%
Weed/ Wild Plants	0.5%	29.5%	18.5%	27.8%	54.0%	27.8%
Indeterminate	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%

= dominant plant category

Table 4.41: Pollen assessment. +++ abundant, ++ common, +present, - nil

Sample no.	Context type	Context	*Pinus*	*Quercus*	*Tilia*	*Corylus*	Gramineae	Cerealia	*Plantago*	C.Lig	Cheno
122	Late Bronze Age	1015	-	-	-	-	-	-	-	-	-
	soil overlain by	1009	-	-	-	-	-	-	-	-	-
	counter-scarp										
	Hillfort ditch - EIA	1017	-	-	-	-	-	-	-	-	-
		1023	-	-	-	-	-	-	-	-	-
120	- LIA/E Roman	1006	-	-	-	-	-	-	-	-	-
		1016	+				++			++	+
	- Late Roman	1011	-	-	-	-	-	-	-	-	-
	Late Bronze Age	2023	-	-	-	-	-	-	-	-	-
	soil overlain by	2031	+	+		+	++	+	+	++	
209	hillfort rampart	2036	-	-	-	-	-	-	-	-	-
		2037	-	-	-	-	-	-	-	-	-
		2038	+	+	+	+	++			++	+
		2039	-	-	-	-	-	-	-	-	-
343	Late Bronze Age	3072	-	-	-	-	-	-	-	-	-
	enclosure ditch	3065	-	-	-	-	-	-	-	-	-
344	Early Iron Age fills	3024	-	-	-	-	-	-	-	-	-
	of late Bronze Age	3046	-	-	-	-	-	-	-	-	-
	enclosure ditch										
	Roman quarry	3126	-	-	-	-	-	-	-	-	-
345		3127	-	-	-	-	-	-	-	-	-
		3129	-	-	-	-	-	-	-	-	-
	Roman soil horizon	3044	-	-	-	-	-	-	-	-	-
346		3096	-	-	-	-	-	-	-	-	-
		3123	-	-	-	-	-	-	-	-	-

Table 4.42: Phytolith assessment. +++ abundant, ++ common, +present, - nil

Sample no.	Context type	Context	Short-cell Poaceae distinguishable into tribes	Short-cell Poaceae undistinguishable into tribes	Non-grass morphotypes – ligneous dicots	Long-cell Poaceae	Other vascular long-cells	Hairs	Others
122	Buried soil overlain by counter-	1015	+	+	++	+	++	+	++
	scarp (LBA/EIA?)	1009	+		+	+	+		
	Hillfort ditch - EIA	1017	-	-	-	-	-	-	-
		1023	-	-	-	-	-	-	-
120	- LIA/E Roman	1006	-	-	-	-	-	-	-
		1016	+++	++	+	+	+	+	+
	- Late Roman	1011	++	++	+	++	+		+
	Buried soil overlain by hillfort	2023	-	-	-	-	-	-	-
	rampart (LBA/EIA?)	2031	++	+	++	+			+
209		2036	-	-	-	-	-	-	-
		2037	-	-	-	-	-	-	-
		2038	+		+				
		2039	-	-	-	-	-	-	-
343	Late Bronze Age enclosure ditch	3072	-	-	-	-	-	-	-
		3065	+		++				
344	Early Iron Age fills of late Bronze	3024	++	++		++		+	+
	Age enclosure ditch	3046	-	-	-	-	-	-	-
	Roman quarry	3126	+++	++		+++			
345		3127	++	++	+	++			
		3129	++	+		++			+
	Roman soil horizon	3044	+++	+	+	+			
346		3096	++	+		+	+		+
		3123	+						

Table 4.43: Radiocarbon determinations

Lab. No.	Context	Radiocarbon age (BP)	$\delta^{13}C$ (‰)	Material	Context type	Calibrated date range (95.4% probability)
Poz-12519	3081	2805 ± 35	-23	Bone (human left Radius)	LBA Enclosure ditch 3017	1050BC (90.5%) 890BC 880BC (4.9%) 840BC
Poz-12521	3099 (SF 3034)	2780 ± 30	-22	Bone (cattle tibia)	LBA Enclosure ditch 3017	1010BC (95.4%) 840BC
Poz-14317	3099	2760 ± 35	-	Charcoal cf. pomoideae	Primary fill of ditch 3017	1000 (95.4%) 820BC
Poz-14319	6027	2700 ± 30	-	Charred grain (*Triticum dicoccum* or *T. spelta*)	Middle fill of ditch 6003	905BC (95.4%) 805BC
Poz-12522	3113	2275 ± 30	-20.7	Bone (human femur)	MIA Grave 3116	400BC (51.1%) 340BC 300BC (44.3%) 200BC
Poz-12523	3156 (skeleton 3163)	2160 ± 30	-22.5	Bone (human right Radius)	MIA Pit 3155	360BC (40.3%) 270BC 260BC (55.1%) 100BC
Poz-12518	3074	1945 ± 30	-23.5	Bone (human neonate left tibia)	MIA Pit 3152 (top burial)	20BC (95.4%) 130AD
Poz-12525	3160	2180 ± 30	-18.8	Bone (human femur)	MIA Pit 3152 (bottom burial)	370BC (95.4%) 160BC
Poz-12526	6023	2150 ± 30	-17.1	Bone (human femur)	MIA pit 6022	360BC (30.2%) 280BC 260BC (65.2%) 50BC