

Appendix 1 – Skeletal elements identified at the site (NISP)

Table 4. Bronze Age skeletal elements (NISP).

Bronze Age	BT	C/O	OA	CH	SD	Eq	CF	CE	CI	SS	LU	SU	unid.	Aves
antler								7						
horn core	5		1	4									1	
skull	25	16	1	1	11		1	1			18	7	48	
mandible	51	32	2		13					1	10	3	5	
isolated teeth	150	208	2	1	49	2	2			1	3		18	
hyoid												1		
cervical vertebrae	6	18			2		2			1	9	7		
thoracic vertebrae	2	22			1						11	5		
lumbar vertebrae	8	11									7	6	2	
sacral vertebrae	1	1									1			
caudal vertebrae													1	
unid. vertebrae											3	7	9	
ribs	2	3			1						90	97	23	
sternum											2	1		
coracoid														1
scapula	15	11	2	1		2	1			1	19	6	5	
humerus	19	19	6		5			2			16	14	1	
radius	19	32		1	2	1	1		1		3	9	2	
ulna	11	9		1	6				2		2		1	
carpal bones	10	3		1	1								1	
metacarpal	7	11	1	1	4	1	2				1	3		
innominate	17	7	2		2				1		7	1	3	
femur	9	9	2		1						6	12	1	
patella		1			1									
tibia	12	20			2		1	1			7	1		
tarsal bones	16	15	10	1	3						7	2	1	
metatarsal	15	15	4	1	1		1	4				1		
metapodials	6	16			2	1		1			8	4	2	
phalanx 1	18	19	7	6	1			1			1	1		
phalanx 2	11	13	4		3									
phalanx 3	10	2	2		4									
sesamoidal bones	3										1	1		
diaphyses											231	356	150	
unidentified													1693	
Σ NISP	448	513	46	19	115	7	11	17	4	4	463	545	1967	1

Table 5. Iron Age skeletal elements (NISP)

Iron Age	BT	C/O	OA	CH	SD	Eq	CF	CE	LU	SU	unid.	Aves
antler								1				
horn core												
skull		3	1	2					6	5	1	
mandible	5	6		1	1				2	3		
isolated teeth	16	50	1		5	2	1			18		
hyoid									1			
cervical vertebrae	3	3							1	4		
thoracic vertebrae									1	7		
lumbar vertebrae									1	3	1	
sacral vertebrae												
caudal vertebrae												
unid. vertebrae									1	4		
ribs									12	55		
sternum												
coracoid												
scapula		2	3						2	5	1	
humerus		2	2		1				1	2		1
radius	2	5								7		
ulna	3	1			1							
carpal bones		1	3	1								
metacarpal	2	1		2						1		
innominate		2							4	3		
femur		2	1						3	2	1	
patella			1									
tibia		4			1					1		
malleolar		1										
tarsal bones	5	3	3	2	1				1	1		
metatarsal		3	1							2		
metapodials		2			1					4		
phalanx 1	5		2	5						1		
phalanx 2	3	1	1					1				
phalanx 3												
sesamoidal bones												
diaphyses									35	90	86	
unidentified											345	
Σ NISP	44	92	19	13	11	2	1	2	71	218	435	1

Table 6. Roman Age (Phase I) skeletal elements (NISP)

Roman (phase I)	BT	C/O	OA	CH	SD	Eq	CE	LU	SU	unid.
antler							1			
horn core										
skull		9			1				1	
mandible	2	4			1					
isolated teeth	3	17			3	1				10
hyoid									1	
cervical vertebrae	1	4							6	
thoracic vertebrae		3						1	6	
lumbar vertebrae		1							5	2
sacral vertebrae								2	1	
caudal vertebrae		1								
unid. vertebrae									2	1
ribs								14	57	10
sternum										
coracoid	1	4						2	2	
scapula	2	6			2			1	1	
humerus	1	9								
radius	2	1							1	
ulna	1	1								
carpal bones										
metacarpal									1	
innominate	3	7								
femur		3						1	1	
patella										
tibia		5							1	
tarsal bones	2	4	4						1	
malleolar										
metatarsal	2	1		1					1	
metapodials	2									
phalanx 1		5	3							1
phalanx 2		4	1							
phalanx 3	1	1								
diaphyses								4	16	46
unidentified										142
Σ NISP	23	90	8	1	7	1	1	25	104	212

Table 7. Roman Age (Phase II) skeletal elements (NISP).

Roman (phase II)	BT	C/O	OA	CH	SD	Eq	CE	CF	Lsp	LU	SU	unid.	GG	Aves
antler							15							
horn core	1	2		3										
skull	28	10		3						7	2	16		
mandible	5	17			4			1		2				
isolated teeth	45	159	3		15	1				4		1		
hyoid	1	2									1			
cervical vertebrae	6	4			1					2	3			
thoracic vertebrae	10	14			1					2	9			
lumbar vertebrae	16	10								5	10	2		
sacral vertebrae	2	1												
caudal vertebrae	1	1									1			
unid. vertebrae	4									1	8	9		
ribs	11	11								40	122	29		
sternum		1								1				
coracoid	5	7			4					6	4	1		
scapula	11	13								6	7		1	2
humerus	4	10	2							1	5			
radius	7	10	2		2									
ulna	5	3												
carpal bones														1
metacarpal	3	15		1	4					1				
innominate	4	7	1		3						1	1		
femur	3	2	1		2				1	1	5		1	1
patella														
tibia	3	13				1					4			
tibiotarsus														1
tarsometatarsus														
tarsal bones	13	10	3		1						1			
malleolar	1													
metatarsal	5	7	1	1	1					1				
metapodials	9	3	1			1				1	3			
phalanx 1	8	7	3	3	2							1		
phalanx 2	4	6	3	1	2	1								
phalanx 3	2	1			2									
sesamoidal bones	1									1				
diaphyses										87	161	434		
unidentified												829		
Σ NISP	218	346	20	12	44	4	15	1	1	169	347	1323	4	3

Table 8. Roman Age (phase III) skeletal elements (NISP).

Roman (phase III)	BT	C/O	OA	CH	SD	Eq	CF	UA	LU	SU	unid.	GG	Aves
antler													
Horn core				1									
skull	1	3		1					1	4	1		
mandible	1	6					2			4			
isolated teeth	10	33			2	1	2		1		1		
hyoid										1			
cervical vertebrae		1								2			
thoracic vertebrae	1	2								2			
lumbar vertebrae	2	1								6			
sacral vertebrae									1				
caudal vertebrae													
unid. vertebrae									2	3	3		
ribs	3								8	34			
sternum													
coracoid	1	4								2	1		
scapula		1			1				1			2	
humerus	1	1											
radius	1	3											
ulna	1	1									1		
carpal bones													
metacarpal		4	1		1								
innominate		6								1			
femur		2	1										
patella													
tibia	2	1							1		1		
tibiotarsus													
tarsometatarsus													1
tarsal bones	1	4	3					1					
malleolar													
metatarsal									1				
metapodials	1	1							1				
phalanx 1		1		1									
phalanx 2		5	1										
phalanx 3	2	1											
sesamoidal bones	1												
diaphyses									8	34	83		
unidentified											247		
Σ NISP	29	81	6	2	4	1	4	1	25	93	338	2	1

Table 9. Late Antiquity skeletal elements (NISP).

Late Antiquity	BT	C/O	OA	CH	SD	Eq	CE	CF	FC	LU	SU	unid.	Aves
antler							1						
horn core	1												
skull		2			4						1	18	
mandible	2	7			1			1					
isolated teeth	7	22			4	1						323	
hyoid													
cervical vertebrae	2	2			1					1	3		
thoracic vertebrae		4								1	4		
lumbar vertebrae	2	3								2	7	1	
sacral vertebrae													
caudal vertebrae		1											
unid. vertebrae	2										1	3	
ribs	1									26	66		
sternum													
coracoid	2	1	1							2	2	2	
scapula	4	9								3	4	1	
humerus	4	6	1							1	1		
radius	5	3		1						1			
ulna	2	1										16	
carpal bones													
metacarpal			1	1	3								
innominate	6	9								1			
femur	1									1			
patella		1	1										
tibia	3	5							1				
tibiotarsus													
tarsometatarsus													
tarsal bones	3	4	2									57	
malleolar													
metatarsal		5		3									
metapodials		1									1		
phalanx 1	2			2		1				2	1		1
phalanx 2	2		1										
phalanx 3													
sesamoidal bones													
diaphyses										39	37	72	
unid.												268	
Σ NISP	51	86	7	7	13	2	1	1	1	80	128	761	1

Appendix 2 – Measurements

Table 10. *Bos taurus* measurements.

<i>Bos taurus</i>															
Lower third molar															
Phase	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA
GL	38.5	35.5	31	35.3	25.8	35.5	34.5	30	33.5	31	34.2	34.4	34.5	34.6	32.8
Phase	BA	IA	IA	IA	RA II	RA II									
GL	33.7	32	35.5	33	32.4	34.8									

scapula										
Phase	BA	BA	BA	BA	BA	BA	RA I	RA II	RA II	
SLC	43.5		43.5				36.8	50	53.7	47.6
LG	47.4	50		42.3	42	43.4	53.3		65	
BG		34.7		37.2	34.5	34.2	44.1		48.6	

humerus	
Phase	RA II
BT	69.7

radius							
Phase	BA	BA	BA	IA	RA II	LA	LA
Bp	69.4			60.6		90	
BFp	63.6			55.6	82.8	84	
Bd		61	67.2				66

metacarpal				
Phase	BA	BA	BA	BA
GL	175	162	169	
Bp	55	44.5	51.4	
Dp	32.8	26		
SD		25.7	28.8	
Bd		47	58.4	46
Td	28.8	25		24.6
DD	19.6	17.6		

tibia		
Phase	BA	BA
Bd	58.2	47.4

talus							
Phase	BA	BA	BA	BA	RA II	RA II	LA
GLI	55.7	52.4		62	72.4		65.3
GLm	50.5	47.2	48.3		65.8	59.2	61.3
DI	31.7	29.4			39.7		36.6
Bd	35.2	36.6	36.3		43.5		40

calcaneum	
Phase	IA
GL	109

metatarsal						
Phase	BA	BA	BA	BA	RA II	RA II
Bp			42.7	40		
SD	25.4			23.2	26.4	
Bd		42.6			52.2	54.2

first phalanx										
Phase	BA	BA	BA	BA	BA	BA	BA	BA	BA	RA II
GLpe	49.2	45.5	48.5	50	54					63
Bp	29.7	24.5	22.4	31	26.4	27				34.8
SD	26.7	20	17.5	26.3	22	20.5		19	20	27.2
Bd		22.4	20	30.2	24.5	22.2	21	20.5	21.5	30

second phalanx										
Phase	BA	BA	BA	BA	BA	BA	BA	RA II	RA II	LA
GL	31.6		31.7	31	38.5				38.5	45
Bp	27.5	20.1	23.3	22.5	29	24	21.6	23.2	26	34.2
SD	21.4	16	18.5	19	22.5	18.6	16.8		20.6	27.1
Bd		16.3		18.9	24	20.2	18.1		23	29.1

third phalanx									
Phase	BA	BA	BA	BA	BA	BA	BA	RA II	RA III
DLS	48.5	88.4	49	52.4	42.8		58.8	72	48.4
LD	39.4	65.8			37.8		43.4	54.8	37.8
MBS	17.3	28.4	15.8	15.4	14		18.9	22	14.2

Table 11. *Ovis aries* measurements.

<i>Ovis aries</i>												
scapula					humerus			radius				
Phase	BA	BA	IA	IA	LA	Phase	BA	BA	BA	Phase	RA II	RA II
SLC	20.2		20.5	17.7	20.5	Bd	32	32.5	34.4	Bp	36.4	33.6
LG	29.6	27.6	24.7		25.3	BT	29	30	31	BFp	34.8	31.6
GLP	37.4				33.7							
BG	24.2	21	20.9		22							
metacarpal			femur		calcaneum							
Phase	BA	RA III	Phase	RA III	Phase	BA	RA I					
Bp	27	24.1	GLI	190	GL	59	58.8					
Dp	19.5		GLC	185								
			Bp	38.8								
			SD	17								
			Bd	36.7								

first phalanx									second phalanx	
Phase	BA	BA	BA	RA II	RA II	RA II	RA III	LA	Phase	RA II
GLpe	41	35	35.6	39.4	39	38.8	39.3	39.4	GL	25
Bp	13	13.4	12.7	13	12.9	13.5			Bp	13.3
SD	11.2	10.4	9.4	10.4	10.3	11.8		10.3	SD	9.5
Bd	12.7	12.6	11	12.5	12.7	13	12.6	13.2	Bd	10.5

Table 13. *Sus domesticus* measurements.

<i>Sus domesticus</i>									
Upper third molar			Lower third molar						
Phase	BA	BA	Phase	BA	BA	BA	BA	BA	BA
GL	30.2	35.4	GL	34.7	33.5	34.2	32	35.9	32.6

talus			first phalanx		second phalanx				
Phase	BA	RA II	Phase	RA II	Phase	BA	BA	BA	RA II
GLI	38	36.6	GLpe	38.6	GL	25.2	23.1	21.4	20.4
GLm	35	35	Bp	16.4	Bp	16.5	15.8	15.4	14.4
Bd	23	21.3	SD	12.4	SD		12.4	11.8	
			Bd	15.5	Bd		12		

Table 14. Equids measurements

<i>Equus caballus</i>		<i>Equus sp.</i>		<i>Equus sp.</i>	
metacarpal		tibia		second phalanx	
Phase	BA	Phase	RA II	Phase	RA II
GL	204	Bd	64	GL	42.4
GLI	201			Bp	48.6
LI	198			SD	42.6
Bp	41.3			Bd	48.1
SD	26.2				
Bd	45				
DD	18.9				

Table 15. *Canis familiaris*, *Ursus arctos*, *Felis catus* and *Gallus gallus* measurements.

<i>Canis familiaris</i>				<i>Ursus arctos</i>		<i>Gallus gallus</i>				
mandible			metacarpal III		talus		humerus			
Phase	RA III	RA III	Phase	BA	Phase	RA III	Phase	RA II	RA III	RA III
1	121.8		GL	62.5	GL	47	SD		6.2	
2	124.5						Bd	22.3	15	13.8
3	116.2									
4	104.3									
5	98.7									
6	102.6									
7	71.2									
8	66.2									
9	57.5									
10	34.6									
11	33.5									
12	29.7									
14	19.3									
17	10.8									
18	51									
19	21.9									
20	16.4	20.4								

<i>Felis catus</i>		femur	
Phase	LA	Phase	RA II
Bp	17	GL	78

tibiotalus	
Phase	RA II
Bd	11