APPENDIX D

ENVIRONMENTAL REMAINS

Tables 29 to 94

Palaeoecology Research Services

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Table 29: Quantitative records of plant macrofossils identified from samples from Phase 1 deposits in Field 62 examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.3' – fraction 0.3 to 1 mm; 'Un.' – not separated into fractions; 'X' – no material in fraction; 'None' – no identifiable plant macrofossil remains seen; 'ch' – charred; 'u' – uncharred

Phase				**1**															
Field Number				**62**															
Context				**2319**				**2319**	**2322**				**2322**	**2328**				**2328**
Sample				AA				AA	AA				AA	AA				AA
Weight/Volume processed (kg/litres)				10.25/7.5				21/12	11.25/8				21.5/11	13.75/10				45/30
Fraction size				>4	>2	>1	>0.3	Un.	>4	>2	>1	>0.3	Un.	>4	>2	>1	>0.3	Un.
Fraction sorted				X	1/1	1/1	1/1	1/1	X	1/1	1/1	1/1	1/1	X	1/1	1/1	1/1	1/1
PLANT REMAINS																		
Cultivated and associated plants																		
Cereals																		
Grains																		
Triticum indeterminate	wheat	Caryopsis	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Hordeum indeterminate	barley	Caryopsis	ch	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Hordeum/Triticum	barley/wheat	Caryopsis	ch	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Cerealia indeterminate	cereal	Caryopsis	ch	-	1	-	-	-	-	-	-	-	-	-	1	-	-	1
Chaff																		
Glume wheat glume base	glume wheat	glume base	ch	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Culm node	indeterminate	culm node	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Arable weeds																		
Fumaria sp.	fumitory	Seed	u	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
Raphanus raphanistrum L.	wild radish	pod and/or pod fragment	ch	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Wild plants																		
Woodland (including scrub and hedgerow) taxa																		
Corylus avellana L.	hazel	nutshell / fragment	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Indeterminate		fruitstone / fragment	ch	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Heath (including moorland and mountain) taxa																		
Calluna vulgaris (L.) Hull	heather	stem fragment(s)	ch	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Danthonia decumbens (L.) DC.	heath-grass	Caryopsis	ch	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Ruderal (wasteland and disturbed ground) taxa																		
Plantago sp.	plaintains	Achene	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Sonchus sp.	sow-thistles	Achene	u	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Eurytopic taxa																		
Atriplex/ Chenopodium	orache/goosefoot	Seed	u	-	-	-	-	-	-	-	1	-	-	-	1	1	-	1
Rumex sp.	dock	Nutlet	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1

Phase				**1**															
Field Number				**62**															
Context				**2319**				**2319**	**2322**				**2322**	**2328**				**2328**	
Sample				AA				AA	AA				AA	AA				AA	
Weight/Volume processed (kg/litres)				10.25/7.5				21/12	11.25/8				21.5/11	13.75/10				45/30	
Fraction size				>4	>2	>1	>0.3	Un.	>4	>2	>1	>0.3	Un.	>4	>2	>1	>0.3	Un.	
Fraction sorted				X	1/1	1/1	1/1	1/1	X	1/1	1/1	1/1	1/1	X	1/1	1/1	1/1	1/1	
Asteraceae	daisy family	Achene	ch	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Poaceae <2mm	grass family	Caryopsis	ch	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
Indeterminate		Seed	ch	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	

Table 30: Quantitative records of plant macrofossils identified from samples from Phase 1 deposits in Field 63, examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.5' – fraction 0.5 to 1 mm; '>0.3' – fraction 0.3 to 1 mm; 'Un.' – not separated into fractions; 'X' – no material in fraction; 'ch' – charred; 'u' – uncharred

Phase				**1**												
Field Number				**63**												
Context				**5342**				**6788**				**7484**				**7484**
Sample				AA				AA				AA				AA
Weight/Volume processed (kg/litres)				4.5/4.5				25.5/18.5				13.25/10				36/30
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.5	>4	>2	>1	>0.3	Un.
Fraction sorted				1/1	1/2	1/4	1/8	X	1/1	1/1	1/1	1/1	1/1	1/1	1/4	1/1
PLANT REMAINS																
Cultivated and associated plants																
Cereals																
Grains																
Triticum spelta L.	spelt wheat	caryopsis	ch	1	62	-	-	-	12	-	-	1	1	-	-	3
Triticum spelta L.	spelt wheat	caryopsis - germinating	ch	-	2	-	-	-	-	-	-	-	-	-	-	-
Triticum cf. *spelta* L.	spelt wheat	caryopsis	ch	-	25	-	-	-	9	-	-	-	-	-	-	2
Glume wheat indeterminate	glume wheat	caryopsis	ch	1	22	-	-	-	13	-	-	-	2	-	-	-
Triticum indeterminate	wheat	caryopsis	ch	-	-	-	-	-	3	-	-	-	-	-	-	-
Hordeum distichon L./*H. vulgare* L.	hulled barley	caryopsis	ch	-	-	-	-	-	-	-	-	-	1	-	-	8
Hordeum indeterminate	barley	caryopsis	ch	-	7	-	-	-	10	-	-	-	7	-	-	11
Hordeum/Triticum	barley/wheat	caryopsis	ch	-	-	-	-	-	1	-	-	-	1	-	-	-
Cerealia indeterminate	cereal	caryopsis	ch	1	72	-	-	-	9	-	-	-	7	-	-	52
Chaff																
Triticum spelta L.	spelt wheat	glume base	ch	-	22	243	10	-	-	-	-	-	-	-	-	2
Triticum spelta L.	spelt wheat	spikelet fork	ch	-	4	1	-	-	-	-	-	-	-	-	-	-
Triticum spelta L.	spelt wheat	rachis segment	ch	-	-	14	-	-	-	-	-	-	-	-	-	-
Triticum cf. *spelta* L.	spelt wheat	rachis segment	ch	-	-	-	12	-	-	-	-	-	-	-	-	-
Glume wheat glume base	glume wheat	glume base	ch	-	-	330	73	-	-	-	-	-	-	1	1	1
Hordeum distichon L./*H. vulgare* L.	barley	rachis segment	ch	-	-	3	3	-	-	-	-	-	-	2	-	-
Cerealia indeterminate	cereal	coleoptile (detached)	ch	-	-	26	3	-	-	-	-	-	-	-	-	-
Culm node	indeterminate	culm node	ch	-	1	-	-	-	-	-	-	-	-	-	-	-
Legumes																
Lathyrus/Vicia 2-4mm	pea/vetch	Seed	ch	-	6	11	-	-	-	-	-	-	-	-	-	-
Arable weeds																
Raphanus raphanistrum L.	wild radish	pod and/or pod fragment	ch	-	1	3	-	-	1	-	-	-	-	-	-	-
Anthemis cotula L.	stinking chamomile	achene	ch	-	-	-	16	-	-	-	5	-	-	-	-	-
Wild plants																

Phase				**1**													
Field Number				**63**													
Context				**5342**				**6788**				**7484**				**7484**	
Sample				AA				AA				AA				AA	
Weight/Volume processed (kg/litres)				4.5/4.5				25.5/18.5				13.25/10				36/30	
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.5	>4	>2	>1	>0.3	Un.	
Fraction sorted				1/1	1/2	1/4	1/8	X	1/1	1/1	1/1	1/1	1/1	1/1	1/4	1/1	
Wetland taxa																	
Montia fontana L.	blinks	seed	u	-	-	-	-	-	-	-	1	-	-	-	-	-	
Persicaria lapathifolia (L.) Gray	pale persicaria	nutlet	ch	-	-	-	-	-	-	-	-	-	-	2	-	-	
Carex sp.	sedge	biconvex nutlet	ch	-	-	-	1	-	-	-	4	-	-	-	-	1	
Carex sp.	sedge	trigonous nutlet	ch	-	-	-	-	-	-	5	5	-	-	4	-	8	
Carex sp.	sedge	trigonous nutlet	u	-	-	-	-	-	-	-	-	-	-	-	-	2	
Aquatic taxa																	
Alisma sp.	water-plantain	achene	u	-	-	-	-	-	-	-	-	-	-	-	-	1	
Heath (including moorland and mountain) taxa																	
Calluna vulgaris (L.) Hull	heather	stem fragment(s)	ch	-	-	-	-	-	-	-	-	-	-	-	-	1	
Ruderal (wasteland and disturbed ground) taxa																	
Urtica dioica L.	common nettle	achene	u	-	-	-	-	-	-	4	-	-	-	-	-	4	
Spergula sp.	spurrey	seed	ch	-	-	-	-	-	-	-	-	-	-	-	-	1	
Stellaria sp.	stitchwort	seed	u	-	-	-	-	-	-	-	-	-	-	-	-	1	
Polygonaceae	knotweed family	nutlet	ch	-	-	3	-	-	-	-	-	-	-	-	-	-	
Eurytopic taxa																	
Atriplex/Chenopodium	orache/goosefoot	seed	u	-	-	1	1	-	-	3	6	-	-	3	1	16	
Rumex sp.	dock	nutlet	ch	-	-	10	1	-	-	1	-	-	-	1	-	5	
Small seeded legume		seed	ch	-	-	-	2	-	-	-	-	-	-	-	-	-	
Lamium sp.	dead-nettles	nutlet	u	-	-	-	-	-	-	2	-	-	-	-	-	-	
Prunella vulgaris L.	self-heal	nutlet	u	-	-	-	-	-	-	-	-	-	-	-	-	1	
Asteraceae	daisy family	achene	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	
Cirsium sp.	thistle	achene	u	-	-	-	-	-	-	1	-	-	-	-	-	1	
Poaceae >2mm	grass family	caryopsis	ch	-	10	20	1	-	-	-	-	-	1	-	-	17	
Poaceae <2mm	grass family	caryopsis	ch	-	-	-	3	-	-	6	-	-	-	1	1	2	
Indeterminate		seed	ch	-	-	2	-	-	-	-	7	-	-	-	-	-	

Table 31: Quantitative records of plant macrofossils identified from samples from Phase 1 deposits in Field 63/64RR (Roman Roads area spanning Fields 63 and 64) examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.5' – fraction 0.5 to 1 mm; 'X' – no material in fraction; 'ch' – charred; 'u' – uncharred

Phase				**1**			
Field Number				**63/64 RR**			
Context				**9036**			
Sample				AA			
Weight/Volume processed (kg/litres)				34/26			
Fraction size				>4	>2	>1	>0.5
Fraction sorted				X	1/1	1/1	1/1
PLANT REMAINS							
Cultivated and associated plants							
Cereals							
Grains							
Glume wheat indeterminate	glume wheat	caryopsis	ch	-	4	-	-
Hordeum distichon L./*H. vulgare* L.	hulled barley	caryopsis	ch	-	3	-	-
Hordeum indeterminate	barley	caryopsis	ch	-	4	-	-
Cerealia indeterminate	cereal	caryopsis	ch	-	3	-	-
Legumes							
Lathyrus/Vicia 2-4mm	pea/vetch	seed	ch	-	1	2	-
Arable weeds							
Anthemis cotula L.	stinking chamomile	achene	ch	-	-	-	1
Wild plants							
Wetland taxa							
Ranunculus flammula L.	lesser spearwort	achene	ch	-	-	-	1
Ranunculus cf. *lingua* L.	greater spearwort	achene	ch	-	-	1	-
Montia fontana L.	blinks	seed	u	-	-	-	5
Persicaria sp.	knotweed	nutlet	ch	-	-	1	-
Cyperaceae	sedge family	nutlet	ch	-	-	1	4
Carex sp.	sedge	biconvex nutlet	ch	-	-	2	10
Carex sp.	sedge	biconvex nutlet	u	-	-	1	-
Carex sp.	sedge	trigonous nutlet	ch	-	-	31	26
Isolepis setacea (L.) R. Br. (*Scirpus setaceus* L.)	bristle club-rush	nutlet	ch	-	-	-	3
Heath (including moorland and mountain) taxa							
Calluna vulgaris (L.) Hull	heather	flower(s)	ch	-	-	-	20
Calluna vulgaris (L.) Hull	heather	shoot fragment(s)	ch	-	-	-	3
Ruderal (wasteland and disturbed ground) taxa							
Urtica dioica L.	common nettle	achene	u	-	-	1	80
Stellaria sp.	Stitchwort	seed	ch	-	-	-	3

Phase				**1**			
Field Number				**63/64 RR**			
Context				**9036**			
Sample				AA			
Weight/Volume processed (kg/litres)				34/26			
Fraction size				>4	>2	>1	>0.5
Fraction sorted				X	1/1	1/1	1/1
Galium aparine L.	Cleavers	seed	ch	-	1	-	-
Plantago sp.	Plaintains	achene	ch	-	-	-	1
Eurytopic taxa							
Atriplex/Chenopodium	orache/goosefoot	seed	u	-	-	2	7
Rumex sp.	Dock	nutlet	ch	-	-	7	4
Small seeded legume		seed	ch	-	-	-	10
Lamiaceae	dead-nettle family	nutlet	u	-	-	7	-
Carduus tenuiflorus Curtis	slender thistle	achene	u	-	-	1	-
Tripleurospermum maritimum (L.) W.D.J. Koch/*T. inodorum* (L.) Sch. Bip.	sea/scentless mayweed	achene	ch	-	-	-	1
Poaceae >2mm	grass family	caryopsis	ch	-	1	6	-
Poaceae <2mm	grass family	caryopsis	ch	-	-	6	20
Indeterminate		seed	ch	-	-	5	16
OTHER REMAINS							
rhizomes/tubers	undifferentiated		ch	-	1	-	-

Table 32: Quantitative records of plant macrofossils identified from samples from Phase 1a deposits in Field 63(contexts 5423 to 6926), examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.5' – fraction 0.5 to 1 mm; '>0.3' – fraction 0.3 to 1 mm; 'ch' – charred; 'u' – uncharred

Phase				**1a**																			
Field Number				**63**																			
Context				**5423**				**5607**				**5607**				**6926**				**6926**			
Sample				AA				AA				AA				AA 2nd Flot				AB 1st Flot			
Weight/Volume processed (kg/litres)				97.75/78				7/5				34/28				30/26				19/22			
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.3	>4	>2	>1	>0.5	>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/4	1/8	1/1	1/2	1/4	1/8	1/1	1/2	1/4	1/16	1/1	1/8	1/16	1/16	1/1	1/128	1/256	1/256
PLANT REMAINS																							
Cultivated and associated plants																							
Cereals																							
Grains																							
Triticum spelta L.	spelt wheat	caryopsis	ch	-	3	-	-	-	-	-	-	-	2	-	-	1	16	-	-	823	161	-	-
Triticum spelta L.	spelt wheat	caryopsis - germinating	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Triticum cf. *spelta* L.	spelt wheat	caryopsis	ch	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	40	8	-	-
Triticum spelta L. 2 grains and 1 spikelet	spelt wheat	caryopsis and spikelet fork	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	-	-	-
Triticum spelta L. 1 grain and 1 spikelet	spelt wheat	caryopsis and spikelet fork	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154	6	-	-
Triticum spelta L. 2 grains and 1 glume	spelt wheat	caryopsis and glume base	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
Triticum spelta L. 1 grain and 1 glume	spelt wheat	caryopsis and glume base	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	4	-	-
Triticum spelta L. 2 grains (stuck together no chaff)	spelt wheat	caryopsis	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	1	-	-
Glume wheat indeterminate	glume wheat	caryopsis	ch	-	2	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-
Triticum indeterminate	wheat	caryopsis	ch	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
Hordeum indeterminate	barley	caryopsis	ch	-	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Cerealia indeterminate	cereal	caryopsis	ch	-	5	-	-	-	-	-	-	-	-	-	-	-	9	-	-	13	-	-	-
Chaff																							
Triticum spelta L.	spelt wheat	glume base	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	9	400	44	966	512	1222	88
Triticum spelta L.	spelt wheat	spikelet fork	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8		83	65	38	2
Triticum spelta L.	spelt wheat	rachis segment	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	4	67	31	287	149	192	2
Glume wheat glume base	glume wheat	glume base	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	17	8	-	37	14

Phase				**1a**																			
Field Number				**63**																			
Context				**5423**				**5607**				**5607**				**6926**				**6926**			
Sample				AA				AA				AA				AA 2nd Flot				AB 1st Flot			
Weight/Volume processed (kg/litres)				97.75/78				7/5				34/28				30/26				19/22			
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.3	>4	>2	>1	>0.5	>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/4	1/8	1/1	1/2	1/4	1/8	1/1	1/2	1/4	1/16	1/1	1/8	1/16	1/16	1/1	1/128	1/256	1/256
Glume wheat rachis	cereal	rachis segment	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	-	-	-	-
Hordeum vulgare L.	6-row barley	rachis segment	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	-
Hordeum distichon L./*H. vulgare* L.	barley	rachis segment	ch	-	-	-	-	-	-	-	-	-	-	-	-	5	-	2	1	1	-	-	-
Indeterminate rachis segment	cereal	rachis segment	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	241	178
Cerealia indeterminate	cereal	coleoptile (detached)	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1	-	-	30	-
Culm node	indeterminate	culm node	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	-	-
Other possible cultivated cereals																							
Avena	oat	caryopsis	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
Legumes																							
Lathyrus/Vicia 2-4mm	pea/vetch	seed	ch	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Large legume indeterminate		seed	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Arable weeds																							
Papaver rhoeas L.	common poppy	seed	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Agrostemma githago L.	corncockle	seed	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
Raphanus raphanistrum L.	wild radish	pod and/or pod fragment	u	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-
Anthemis cotula L.	stinking chamomile	achene	ch	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wild plants																							
Wetland taxa																							
Montia fontana L.	blinks	seed	u	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Persicaria lapathifolia (L.) Gray	pale persicaria	nutlet	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Persicaria sp.	knotweed	nutlet	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carex sp.	sedge	biconvex nutlet	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Carex sp.	sedge	trigonous nutlet	ch	-	-	3	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	2	-
Isolepis setacea (L.) R. Br. (*Scirpus setaceus* L.)	bristle club-rush	nutlet	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	11	27
Woodland (including scrub and hedgerow) taxa																							
Corylus avellana L.	hazel	nutshell / fragment	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-

Phase				**1a**																			
Field Number				**63**																			
Context				**5423**				**5607**				**5607**				**6926**				**6926**			
Sample				AA				AA				AA				AA 2nd Flot				AB 1st Flot			
Weight/Volume processed (kg/litres)				97.75/78				7/5				34/28				30/26				19/22			
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.3	>4	>2	>1	>0.5	>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/4	1/8	1/1	1/2	1/4	1/8	1/1	1/2	1/4	1/16	1/1	1/8	1/16	1/16	1/1	1/128	1/256	1/256
Rubus	bramble	fruitstone / fragment	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sambucus nigra L.	elder	fruit	u	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heath (including moorland and mountain) taxa																							
Calluna vulgaris (L.) Hull	heather	flower(s)	ch	-	-	-	-	-	-	2	49	-	-	18	110	-	-	-	1	-	-	5	1
Calluna vulgaris (L.) Hull	heather	shoot fragment(s)	ch	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	2	-
Calluna vulgaris (L.) Hull	heather	stem fragment(s)	ch	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ruderal (wasteland and disturbed ground) taxa																							
Urtica dioica L.	common nettle	achene	u	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2
Stellaria sp.	stitchwort	seed	ch	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polygonaceae	knotweed family	nutlet	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Ononis repens L.	common restharrow	seed	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Plantago sp.	plaintains	achene	ch	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-
Eurytopic taxa																							
Ranunculus subg. *Ranunculus*	buttercup	achene	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Atriplex/Chenopodium	orache/goosefoot	seed	u	-	-	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	1
Caryophyllaceae	pink family	seed	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Rumex sp.	dock	nutlet	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	3
cf. *Rumex acetosella* L.	sheep's sorrel	achene	ch	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Small seeded legume		seed	ch	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Asteraceae	daisy family	achene	u	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Carduus/Cirsium	thistle	achene	u	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poaceae >2mm	grass family	caryopsis	ch	-	1	1	-	-	-	-	-	-	-	1	-	2	34	90	-	47	753	229	1
Poaceae <2mm	grass family	caryopsis	ch	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	15
Indeterminate		seed	ch	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER REMAINS																							
Buds	undifferentiated		ch	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	1	-
rhizomes/tubers	undifferentiated		ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-

Table 33: Quantitative records of plant macrofossils identified from samples from Phase 1a deposits in Field 63 (contexts 7169 to 7422), examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.5' – fraction 0.5 to 1 mm; '>0.3' – fraction 0.3 to 1 mm; 'Un.' – not separated into fractions; 'X' – no material in fraction; 'ch' – charred; 'u' – uncharred

Phase				**1a**															
Field Number				**63**															
Context				**7169**				**7170**				**7170**	**7421**				**7422**			
Sample				AA 1st Flot				AA				AA	AA				AA			
Weight/Volume processed (kg/litres)				16/12				10.25/9				19/15	5/4				12/11			
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.3	Un.	>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				1/1	1/2	1/2	1/2	X	1/1	1/1	1/1	1/1	X	1/1	1/2	1/2	1/1	1/1	1/1	1/1
PLANT REMAINS																			
Cultivated and associated plants																			
Cereals																			
Grains																			
Triticum spelta L.	spelt wheat	caryopsis	ch	1	60	-	-	-	-	-	-	2	-	-	-	-	-	-	-
Triticum cf. *spelta* L.	spelt wheat	caryopsis	ch	-	38	2	-	-	-	-	-	4	-	-	-	-	-	-	-
Triticum spelta L. 1 grain and 1 spikelet	spelt wheat	caryopsis and spikelet fork	ch	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glume wheat indeterminate	glume wheat	caryopsis	ch	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triticum indeterminate	wheat	caryopsis	ch	-	9	-	-	-	-	-	-	4	-	-	-	-	-	-	-
Hordeum indeterminate	barley	caryopsis	ch	-	13	-	-	-	-	-	-	6	-	-	-	-	-	3	-
Hordeum/Triticum	barley/wheat	caryopsis	ch	-	6	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Cerealia indeterminate	cereal	caryopsis	ch	-	39	-	-	-	2	-	-	13	-	1	-	-	-	-	-
Chaff																			
Triticum spelta L.	spelt wheat	glume base	ch	-	5	88	2	-	-	7	-	-	-	-	-	-	-	-	-
Triticum spelta L.	spelt wheat	spikelet fork	ch	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triticum spelta L.	spelt wheat	rachis segment	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Glume wheat glume base	glume wheat	glume base	ch	-	-	49	75	-	-	5	4	13	-	-	1	-	-	-	-
Glume wheat rachis	cereal	rachis segment	ch	-	-	10	10	-	-	-	-	-	-	-	-	-	-	-	-
Indeterminate rachis segment	cereal	rachis segment	ch	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Legumes																			
Lathyrus/Vicia 2-4mm	pea/vetch	seed	ch	-	-	2	-	-	-	-	-	2	-	-	-	-	-	-	-
Arable weeds																			
Raphanus raphanistrum L.	wild radish	pod and/or pod fragment	ch	-	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-
Wild plants																			
Wetland taxa																			
Persicaria sp.	knotweed	nutlet	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Hydrocotyle vulgaris L.	marsh pennywort	mericarp	u	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-

Phase				**1a**																
Field Number				**63**																
Context				**7169**				**7170**				**7170**	**7421**				**7422**			
Sample				AA 1st Flot				AA				AA	AA				AA			
Weight/Volume processed (kg/litres)				16/12				10.25/9				19/15	5/4				12/11			
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.3	Un.	>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				1/1	1/2	1/2	1/2	X	1/1	1/1	1/1	1/1	X	1/1	1/2	1/2	1/1	1/1	1/1	1/1
Lycopus europaeus L.	gypsywort	nutlet	u	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Cyperaceae	sedge family	nutlet	ch	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-
Carex sp.	sedge	biconvex nutlet	ch	-	-	-	-	-	-	2	-	2	-	-	-	1	-	-	-	-
Carex sp.	sedge	trigonous nutlet	ch	-	-	2	-	-	-	3	1	6	-	-	-	-	-	-	-	-
Carex sp.	sedge	trigonous nutlet	u	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Isolepis setacea (L.) R. Br. (*Scirpus setaceus* L.)	bristle club-rush	nutlet	ch	-	-	-	22	-	-	-	2	3	-	-	-	-	-	-	-	-
Woodland (including scrub and hedgerow) taxa																				
Sambucus nigra L.	elder	fruit	u	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heath (including moorland and mountain) taxa																				
Calluna vulgaris (L.) Hull	heather	flower(s)	ch	-	-	-	-	-	-	-	2	-	-	1	146	72	-	-	53	39
Calluna vulgaris (L.) Hull	heather	shoot fragment(s)	ch	-	-	1	-	-	-	-	-	-	-	-	3	2	-	-	1	5
Calluna vulgaris (L.) Hull	heather	stem fragment(s)	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Danthonia decumbens (L.) DC.	heath-grass	caryopsis	ch	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Ruderal (wasteland and disturbed ground) taxa																				
Urtica dioica L.	common nettle	achene	u	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	1
Stellaria graminea L./*S. palustris* Retz.	lesser/marsh stitchwort	seed	ch	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Polygonaceae	knotweed family	nutlet	ch	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Plantago sp.	plaintains	achene	ch	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Eurytopic taxa																				
Ranunculus subg. *Ranunculus*	buttercup	achene	u	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Atriplex/*Chenopodium*	orache/ goosefoot	seed	u	-	-	2	1	-	-	-	-	3	-	-	-	1	-	-	1	-
Rumex sp.	dock	nutlet	ch	-	-	-	3	-	-	-	-	1	-	-	-	-	-	-	-	-
Small seeded legume		seed	ch	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Rhinanthus sp.	yellow-rattles	seed	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Poaceae >2mm	grass family	caryopsis	ch	-	143	135	-	-	3	6	9	48	-	-	4	-	-	-	5	-
Poaceae <2mm	grass family	caryopsis	ch	-	-	1	7	-	-	-	-	11	-	-	-	-	-	-	-	10
Indeterminate		seed	ch	-	-	2	9	-	-	-	4	1	-	-	-	2	-	-	1	4

Table 34: Quantitative records of plant macrofossils identified from samples from Phase 1a deposits in Field 63 (contexts 7426 to 7864), examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.5' – fraction 0.5 to 1 mm; '>0.3' – fraction 0.3 to 1 mm; 'Un.' – not separated into fractions; 'X' – no material in fraction; 'ch' – charred; 'u' – uncharred

Phase				**1a**																			
Field Number				**63**																			
Context				**7426**				**7781**								**7781**				**7864**			
Sample				AA				AA								AA				AA 1st Flot			
Weight/Volume processed (kg/litres)				9.5/7				10/8								27/30				11.5/11.5			
				-				1st Washover				2nd Washover				-				-			
Fraction size				>4	>2	>1	>0.3	>4	>2	>1	>0.3	>4	>2	>1	>0.3	>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/1	1/4	1/1	1/1	1/1	1/4	1/1	1/1	1/1	1/1	1/1	1/1	1/2	1/8	1/1	1/2	1/2	1/1
PLANT REMAINS																							
Cultivated and associated plants																							
Cereals																							
Grains																							
Triticum spelta L.	spelt wheat	caryopsis	ch	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	142	-	-
Triticum spelta L.	spelt wheat	caryopsis - germinating	ch	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-
Triticum cf. *spelta* L.	spelt wheat	caryopsis	ch	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	-	-
Triticum spelta L. 2 grains and 1 spikelet	spelt wheat	caryopsis and spikelet fork	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
Triticum spelta L. 1 grain and 1 spikelet	spelt wheat	caryopsis and spikelet fork	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	-	-
Triticum spelta L. 2 grains and 1 glume	spelt wheat	caryopsis and glume base	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Triticum spelta L. 1 grain and 1 glume	spelt wheat	caryopsis and glume base	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Triticum spelta L. 2 grains (stuck together no chaff)	spelt wheat	caryopsis	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-
Glume wheat indeterminate	glume wheat	caryopsis	ch	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-
Triticum indeterminate	wheat	caryopsis	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	5	-	-
Hordeum distichon L./*H. vulgare* L.	hulled barley	caryopsis	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	11	-	-
Hordeum indeterminate	barley	caryopsis	ch	-	3	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	9	-	-
Hordeum/Triticum	barley/wheat	caryopsis	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-
Cerealia indeterminate	cereal	caryopsis	ch	2	16	-	-	-	2	-	-	1	-	-	-	-	18	-	-	4	56	4	-
Chaff																							
Triticum spelta L.	spelt wheat	glume base	ch	-	-	27	-	-	-	-	-	-	-	-	-	-	-	3	-	13	12	17	4
Triticum spelta L.	spelt wheat	spikelet fork	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-
Triticum spelta L.	spelt wheat	rachis segment	ch	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Glume wheat glume base	glume wheat	glume base	ch	-	-	32	14	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	16
Hordeum distichon L./*H. vulgare* L.	barley	rachis segment	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4

Phase				**1a**																			
Field Number				**63**																			
Context				**7426**				**7781**								**7781**				**7864**			
Sample				AA				AA								AA				AA 1st Flot			
Weight/Volume processed (kg/litres)				9.5/7				10/8								27/30				11.5/11.5			
				-				1st Washover				2nd Washover				-				-			
Fraction size				>4	>2	>1	>0.3	>4	>2	>1	>0.3	>4	>2	>1	>0.3	>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/1	1/4	1/1	1/1	1/1	1/4	1/1	1/1	1/1	1/1	1/1	1/1	1/2	1/8	1/1	1/2	1/2	1/1
Cerealia indeterminate	cereal	coleoptile (detached)	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	3
Culm node	indeterminate	culm node	ch	-	-	1	-	-	4	3	-	-	-	-	-	-	1	-	-	-	-	-	1
Legumes																							
Lathyrus/Vicia 2-4mm	pea/vetch	seed	ch	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Arable weeds																							
Raphanus raphanistrum L.	wild radish	pod and/or pod fragment	ch	-	-	-	-	-	-	1	-	-	-	1	-	-	2	-	-	-	-	-	-
Wild plants																							
Wetland taxa																							
Montia fontana L.	blinks	seed	u	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2
Persicaria lapathifolia (L.) Gray	pale persicaria	nutlet	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Cyperaceae	sedge family	nutlet	ch	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Carex sp.	sedge	biconvex nutlet	ch	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-	-	-	8
Carex sp.	sedge	trigonous nutlet	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	-	6	1	-	-	-	4
Isolepis setacea (L.) R. Br. (*Scirpus setaceus* L.)	bristle club-rush	nutlet	ch	-	-	1	3	-	-	-	2	-	-	-	-	-	-	-	-	-	-	1	229
Woodland (including scrub and hedgerow) taxa																							
Indeterminate		fruitstone / fragment	ch	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heath (including moorland and mountain) taxa																							
Calluna vulgaris (L.) Hull	heather	flower(s)	ch	-	-	6	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Calluna vulgaris (L.) Hull	heather	shoot fragment(s)	ch	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Ruderal (wasteland and disturbed ground) taxa																							
Stellaria graminea L./*S. palustris* Retz.	lesser/marsh stitchwort	seed	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Polygonaceae	knotweed family	nutlet	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Plantago sp.	plaintains	achene	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	5
Sonchus sp.	sow-thistles	achene	u	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Eurytopic taxa																							
Ranunculus subg. *Ranunculus*	buttercup	achene	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Atriplex/Chenopodium	orache/goosefoot	seed	u	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3
Caryophyllaceae	pink family	seed	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

Phase				**1a**																			
Field Number				**63**																			
Context				**7426**				**7781**								**7781**				**7864**			
Sample				AA				AA								AA				AA 1st Flot			
Weight/Volume processed (kg/litres)				9.5/7				10/8								27/30				11.5/11.5			
				-				1st Washover				2nd Washover				-				-			
Fraction size				>4	>2	>1	>0.3	>4	>2	>1	>0.3	>4	>2	>1	>0.3	>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/1	1/4	1/1	1/1	1/1	1/4	1/1	1/1	1/1	1/1	1/1	1/1	1/2	1/8	1/1	1/2	1/2	1/1
Rumex sp.	dock	nutlet	ch	-	-	4	-	-	-	-	-	-	-	1	-	-	-	6	-	-	-	2	1
Small seeded legume		seed	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	13
Asteraceae	daisy family	achene	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Poaceae >2mm	grass family	caryopsis	ch	-	13	43	-	-	5	8	-	-	-	-	-	-	-	9	-	-	350	404	6
Poaceae <2mm	grass family	caryopsis	ch	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Indeterminate		seed	ch	-	-	11	2	-	-	2	-	-	2	-	-	-	-	6	-	-	-	4	-

Table 35: Quantitative records of plant macrofossils identified from samples from Phase 1a deposits in Field 63 (contexts 7881 and 7891), examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.5' – fraction 0.5 to 1 mm; 'ch' – charred; 'u' – uncharred

Phase				**1a**							
Field Number				**63**							
Context				**7881**				**7891**			
Sample				AA				AA			
Weight/Volume processed (kg/litres)				15/14				22/17			
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				1/1	1/32	1/16	1/8	1/1	1/1	1/1	1/2
PLANT REMAINS											
Cultivated and associated plants											
Cereals											
Grains											
Triticum spelta L.	spelt wheat	caryopsis	ch	229	105	8	-	-	-	-	-
Triticum spelta L.	spelt wheat	caryopsis - germinating	ch	-	2	-	-	-	-	-	-
Triticum cf. *spelta* L.	spelt wheat	caryopsis	ch	11	17	5	-	-	-	-	-
Trticum spelta L. 3 grains and 1 spikelet	spelt wheat	caryopsis and spikelet fork	ch	3	-	-	-	-	-	-	-
Triticum spelta L. 2 grains and 1 spikelet	spelt wheat	caryopsis and spikelet fork	ch	56	1	-	-	-	-	-	-
Triticum spelta L. 1 grain and 1 spikelet	spelt wheat	caryopsis and spikelet fork	ch	16	9	-	-	-	-	-	-
Triticum spelta L. 2 grains and 1 glume	spelt wheat	caryopsis and glume base	ch	-	1	-	-	-	-	-	-
Triticum spelta L. 1 grain and 1 glume	spelt wheat	caryopsis and glume base	ch	6	2	-	-	-	-	-	-
Triticum spelta L. 2 grains (stuck together no chaff)	spelt wheat	caryopsis	ch	24	-	-	-	-	-	-	-
Glume wheat indeterminate	glume wheat	caryopsis	ch	-	-	-	-	-	1	-	-
Triticum cf. *aestivum* L./*T. durum* Desf./*T. turgidum* L.	naked wheat	caryopsis	ch	3	1	-	-	-	-	-	-
Triticum indeterminate	Wheat	caryopsis	ch	2	-	-	-	-	1	-	-
Hordeum distichon L./*H. vulgare* L.	hulled barley	caryopsis	ch	2	-	-	-	-	2	-	-
Hordeum indeterminate	Barley	caryopsis	ch	-	1	-	-	-	-	-	-
Hordeum/Triticum	barley/wheat	caryopsis	ch	1	-	-	-	-	1	-	-
Cerealia indeterminate	Cereal	caryopsis	ch	-	10	3	-	-	6	-	-
Chaff											
Triticum spelta L.	spelt wheat	glume base	ch	185	30	72	37	-	-	-	-
Triticum spelta L.	spelt wheat	spikelet fork	ch	9	2	4	-	-	-	-	-
Triticum spelta L.	spelt wheat	rachis segment	ch	2	-	13	43	-	-	-	-
Glume wheat glume base	glume wheat	glume base	ch	-	-	27	21	-	-	1	-
Cerealia indeterminate	Cereal	coleoptile (detached)	ch	-	-	2	5	-	-	-	-
Culm node	Indeterminate	culm node	ch	2	-	2	-	-	-	-	-
Other possible cultivated cereals											
Avena	Oat	caryopsis	ch	1	-	-	-	-	-	-	-

Phase				**1a**							
Field Number				**63**							
Context				**7881**				**7891**			
Sample				AA				AA			
Weight/Volume processed (kg/litres)				15/14				22/17			
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				1/1	1/32	1/16	1/8	1/1	1/1	1/1	1/2
Avena	Oat	floret base	ch	1	-	-	-	-	-	-	-
Legumes											
Lathyrus/Vicia 2-4mm	pea/vetch	seed	ch	-	2	-	-	-	-	-	-
Wild plants											
Wetland taxa											
Ranunculus flammula L.	lesser spearwort	achene	ch	-	-	-	1	-	-	-	-
Montia fontana L.	Blinks	seed	u	-	-	-	2	-	-	-	-
Cyperaceae	sedge family	nutlet	ch	-	-	-	-	-	-	6	-
Carex sp.	Sedge	biconvex nutlet	ch	-	-	-	8	-	-	13	3
Carex sp.	Sedge	trigonous nutlet	ch	-	-	-	2	-	-	11	32
Isolepis setacea (L.) R. Br. (*Scirpus setaceus* L.)	bristle club-rush	nutlet	ch	-	-	-	118	-	-	-	-
Heath (including moorland and mountain) taxa											
Calluna vulgaris (L.) Hull	Heather	shoot fragment(s)	ch	-	-	-	1	-	-	-	-
Ruderal (wasteland and disturbed ground) taxa											
Polygonaceae	knotweed family	nutlet	ch	-	-	-	6	-	-	-	-
Galeopsis sp.	hemp-nettle	nutlet	ch	-	1	-	-	-	-	-	-
Eurytopic taxa											
Atriplex/ Chenopodium	orache/goosefoot	seed	u	-	1	-	-	-	-	2	2
Rumex sp.	Dock	nutlet	ch	-	1	1	1	-	-	-	-
Astragalus/ Trigonella	milk vetches/fenugreeks	seed	ch	-	-	-	-	-	-	-	1
Poaceae >2mm	grass family	caryopsis	ch	9	119	502	13	-	-	7	-
Poaceae <2mm	grass family	caryopsis	ch	-	-	-	8	-	-	-	-
Indeterminate		seed	ch	-	-	-	5	-	1	5	3

Table 36: Quantitative records of plant macrofossils identified from samples from Phase 1b deposits in Field 63, examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.5' – fraction 0.5 to 1 mm; 'Un.' – not separated into fractions; 'X' – no material in fraction; 'ch' – charred; 'u' – uncharred

Phase				**1b**															
Field Number				**63**															
Context				**7022**				**7022**				**7022**	**7521**				**7608**		
Sample				AA				AB				AC	AA				AA		
Weight/Volume processed (kg/litres)				5.5/5				19.5/15				5.5/4.5	31/28				30/22		
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.5	Un.	>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				X	X	1/1	1/1	X	1/1	1/1	1/1	1/1	1/1	1/1	1/2	1/16	1/1	1/1	1/1	1/2
PLANT REMAINS																			
Cultivated and associated plants																			
Cereals																			
Grains																			
Triticum indeterminate	wheat	caryopsis	ch	-	-	-	-	-	-	-	-	-	-	2	-	-	1	4	-	-
Hordeum distichon L./*H. vulgare* L.	hulled barley	caryopsis	ch	-	-	-	-	-	1	-	-	-	-	-	-	-	-	3	-	-
Hordeum distichon L./*H. vulgare* L.	hulled barley	caryopsis-germinating	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Hordeum indeterminate	barley	caryopsis	ch	-	-	1	-	-	1	-	-	-	-	1	-	-	-	7	-	-
Hordeum/Triticum	barley/wheat	caryopsis	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	2	-	-	-
Cerealia indeterminate	cereal	caryopsis	ch	-	-	-	-	-	-	-	-	1	-	2	1	-	-	3	-	-
Chaff																			
Triticum spelta L.	spelt wheat	glume base	ch	-	-	1	-	-	-	-	-	-	-	-	5	-	-	-	-	-
Triticum spelta L.	spelt wheat	rachis segment	ch	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Glume wheat glume base	glume wheat	glume base	ch	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	1	-
Cerealia indeterminate	cereal	coleoptile (detached)	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Culm node	indeterminate	culm node	ch	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Other possible cultivated cereals																			
Avena	oat	caryopsis	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Other																			
cf. *Linum usitatissimum* L.	flax	seed	ch	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Arable weeds																			
Raphanus raphanistrum L.	wild radish	pod and/or pod fragment	ch	-	-	-	-	-	1	-	-	-	-	1	-	-	-	1	-	-
Wild plants																			
Wetland taxa																			
Montia fontana L.	blinks	seed	u	-	-	-	-	-	-	-	15	-	-	-	-	1	-	-	-	1
Persicaria sp.	knotweed	nutlet	ch	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-
Cyperaceae	sedge family	nutlet	ch	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	2	3
Carex sp.	sedge	biconvex nutlet	ch	-	-	-	1	-	-	3	28	-	-	-	-	4	-	-	1	2

Phase				**1b**															
Field Number				**63**															
Context				**7022**				**7022**				**7022**	**7521**				**7608**		
Sample				AA				AB				AC	AA				AA		
Weight/Volume processed (kg/litres)				*5.5/5*				*19.5/15*				*5.5/4.5*	*31/28*				*30/22*		
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.5	Un.	>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				X	X	1/1	1/1	X	1/1	1/1	1/1	1/1	1/1	1/1	1/2	1/16	1/1	1/1	1/1	1/2
Carex sp.	sedge	trigonous nutlet	ch	-	-	-	2	-	-	10	16	-	-	-	12	4	-	-	5	7
Eleocharis sp.	spike-rush	nutlet	u	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Isolepis setacea (L.) R. Br. (*Scirpus setaceus* L.)	bristle club-rush	nutlet	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Aquatic taxa																				
Ranunculus subg. *Batrachium*	crowfoot	achene	u	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Woodland (including scrub and hedgerow) taxa																				
Corylus avellana L.	hazel	nutshell/ fragment	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Prunus	wild plum	fruitstone/ fragment	ch	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Rubus	bramble	fruitstone/ fragment	u	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-
Sambucus nigra L.	elder	fruit	u	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
Heath (including moorland and mountain) taxa																				
Calluna vulgaris (L.) Hull	heather	flower(s)	ch	-	-	-	-	-	-	16	1	1	-	-	3	10	-	-	36	112
Calluna vulgaris (L.) Hull	heather	shoot fragment(s)	ch	-	-	-	-	-	-	1	7	-	-	-	7	14	-	-	10	13
Calluna vulgaris (L.) Hull	heather	stem fragment(s)	ch	-	-	-	-	-	-	-	-	-	-	2	10	-	-	-	-	-
Ruderal (wasteland and disturbed ground) taxa																				
Urtica dioica L.	common nettle	achene	u	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2
Spergula sp.	spurrey	seed	ch	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Polygonaceae	knotweed family	nutlet	ch	-	-	-	-	-	-	-	-	-	-	-	-	261	-	-	-	-
Galium aparine L.	cleavers	seed	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-
Plantago sp.	plaintains	achene	ch	-	-	-	-	-	-	2	2	1	-	-	-	-	-	-	-	-
Eurytopic taxa																				
Ranunculus subg. *Ranunculus*	buttercup	achene	ch	-	-	2	-	-	-	5	1	-	-	-	-	-	-	-	4	-
Ranunculus subg. *Ranunculus*	buttercup	achene	u	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	2	1
Atriplex/ Chenopodium	orache/goosefoot	seed	u	-	-	-	-	-	-	16	3	-	-	-	-	-	-	-	-	1
Caryophyllaceae	pink family	seed	ch	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Rumex sp.	dock	nutlet	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	7	-
Melilotus/ Trifolium	meliots/clovers	seed	u	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Small seeded legume		seed	ch	-	-	-	-	-	-	2	10	-	-	-	-	-	-	-	-	1
Apiaceae	carrot family	mericarp	ch	-	-	-	-	-	-	3	4	-	-	-	-	-	-	-	-	-
Teucrium sp.	germanders	nutlet	ch	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-

Phase				**1b**															
Field Number				**63**															
Context				**7022**				**7022**				**7022**	**7521**				**7608**		
Sample				AA				AB				AC	AA				AA		
Weight/Volume processed (kg/litres)				*5.5/5*				*19.5/15*				*5.5/4.5*	*31/28*				*30/22*		
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.5	Un.	>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				X	X	1/1	1/1	X	1/1	1/1	1/1	1/1	1/1	1/1	1/2	1/16	1/1	1/1	1/1	1/2
Rhinanthus sp.	yellow-rattles	seed	ch	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Carduus/Cirsium	thistle	achene	ch	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Poaceae >2mm	grass family	caryopsis	ch	-	-	2	-	-	-	3	-	1	-	-	3	1	-	1	16	-
Poaceae <2mm	grass family	caryopsis	ch	-	-	4	4	-	-	15	24	-	-	-	-	33	-	-	4	10
Indeterminate		seed	ch	-	-	1	6	-	-	8	22	-	-	-	2	5	-	-	8	3

Table 37: Quantitative records of plant macrofossils identified from samples from Phase 1b deposits in Field 63 (contexts 7640 and 7860), examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.5' – fraction 0.5 to 1 mm; '>0.3' – fraction 0.3 to 1 mm; 'Un.' – not separated into fractions; 'ch' – charred; 'u' – uncharred

Phase				**1b**																			
Field Number				**63**																			
Context				**7640**								**7640**				**7860**				**7860**			
Sample				AA								AA				AA				AA			
Weight/Volume processed (kg/litres)				3/3								13/11.5				10/7				27/24			
				1st washover				2nd washover				-				-				-			
Fraction size				>4	>2	>1	>0.3	>4	>2	>1	>0.3	>4	>2	>1	>0.5	>4	>2	>1	>0.3	>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/1	1/1	1/1	1/2	1/2	1/4	1/1	1/1	1/1	1/2	1/1	1/1	1/1	1/4	1/1	1/1	1/1	1/2
PLANT REMAINS																							
Cultivated and associated plants																							
Cereals																							
Grains																							
Triticum spelta L.	spelt wheat	caryopsis	ch	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	3	-	-
Triticum spelta L. 1 grain and 1 spikelet	spelt wheat	caryopsis and spikelet fork	ch	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Triticum spelta L. 1 grain and 1 glume	spelt wheat	caryopsis and glume base	ch	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Glume wheat indeterminate	glume wheat	caryopsis	ch	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Triticum indeterminate	wheat	caryopsis	ch	-	-	-	-	-	1	-	-	-	2	3	-	-	-	-	-	-	-	-	-
Hordeum distichon L./*H. vulgare* L.	hulled barley	caryopsis	ch	-	-	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-	23	-	-
Hordeum indeterminate	barley	caryopsis	ch	-	2	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	17	-	-
Hordeum/Triticum	barley/wheat	caryopsis	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Cerealia indeterminate	cereal	caryopsis	ch	-	2	-	-	-	1	1	-	-	17	-	-	-	13	7	-	-	31	-	-
Chaff																							
Triticum spelta L.	spelt wheat	glume base	ch	-	-	-	-	-	-	1	-	-	3	2	-	-	-	1	-	-	-	2	1
Triticum spelta L.	spelt wheat	rachis segment	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Glume wheat glume base	glume wheat	glume base	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Hordeum distichon L./*H. vulgare* L.	barley	rachis segment	ch	-	-	1	-	-	-	2	-	-	-	-	2	-	-	-	-	-	-	1	1
Legumes																							
Lathyrus/Vicia 2-4mm	pea/vetch	seed	ch	-	-	-	-	-	-	4	-	-	-	1	-	-	-	-	-	-	-	1	-
Arable weeds																							
Raphanus raphanistrum L.	wild radish	pod and/or pod fragment	ch	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Wild plants																							

Phase				**1b**																				
Field Number				**63**																				
Context				**7640**								**7640**				**7860**				**7860**				
Sample				AA								AA				AA				AA				
Weight/Volume processed (kg/litres)				3/3								13/11.5				10/7				27/24				
				1st washover				2nd washover				-				-				-				
Wetland taxa																								
Ranunculus cf. *lingua* L.	greater spearwort	achene	ch	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Persicaria lapathifolia (L.) Gray	pale persicaria	nutlet	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Hydrocotyle vulgaris L.	marsh pennywort	mericarp	u	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Cyperaceae	sedge family	nutlet	ch	-	-	1	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carex sp.	sedge	biconvex nutlet	ch	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	5
Carex sp.	sedge	trigonous nutlet	ch	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	14	6
Carex sp.	sedge	trigonous nutlet	u	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Isolepis setacea (L.) R. Br. (*Scirpus setaceus* L.)	bristle club-rush	nutlet	ch	-	-	-	-	-	-	-	-	-	-	-	23	-	-	-	-	-	-	-	3
Woodland (including scrub and hedgerow) taxa																								
Rubus	bramble	fruitstone / fragment	u	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Sambucus nigra L.	elder	fruit	u	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
Heath (including moorland and mountain) taxa																								
Calluna vulgaris (L.) Hull	heather	flower(s)	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Calluna vulgaris (L.) Hull	heather	shoot fragment(s)	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Ruderal (wasteland and disturbed ground) taxa																								
Urtica dioica L.	common nettle	achene	u	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2
Galeopsis sp.	hemp-nettle	nutlet	ch	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Galium aparine L.	cleavers	seed	ch	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Galium sp.	bedstraw	seed	ch	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Plantago sp.	plaintains	achene	ch	-	-	-	-	-	-	1	-	-	-	3	-	-	-	-	-	-	-	1	-
Eurytopic taxa																								
Ranunculus subg. *Ranunculus*	buttercup	achene	ch	-	-	3	-	-	-	2	-	-	-	6	-	-	-	-	-	-	-	-	-
Ranunculus subg. *Ranunculus*	buttercup	achene	u	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Atriplex/ Chenopodium	orache/goosefoot	seed	u	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	-	-	6
Rumex sp.	dock	nutlet	ch	-	-	10	-	-	-	4	1	-	-	16	1	-	-	-	-	-	-	-	-
Fabaceae	pea family	seed	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicago-type	medicks	seed	ch	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Small seeded legume		seed	ch	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Poaceae >2mm	grass family	caryopsis	ch	-	-	4	-	-	1	-	-	-	7	27	-	-	-	1	-	-	3	24	-

Phase				**1b**																			
Field Number				**63**																			
Context				**7640**								**7640**				**7860**				**7860**			
Sample				AA								AA				AA				AA			
Weight/Volume processed (kg/litres)				3/3								13/11.5				10/7				27/24			
				1st washover				2nd washover				-				-				-			
Poaceae <2mm	grass family	caryopsis	ch	-	-	2	6	-	-	-	1	-	-	-	9	-	-	-	2	-	-	-	9
Indeterminate		seed	ch	-	-	-	-	-	-	1	2	-	-	3	-	-	-	-	-	-	-	6	7

Table38: Quantitative records of plant macrofossils identified from samples from Phase 1c deposits in Field 63(contexts 5389 to 6953), examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.5' – fraction 0.5 to 1 mm; 'X' – no material in fraction; 'ch' – charred; 'u' – uncharred

Phase				**1c**															
Field Number				**63**															
Context				**5389**				**5596**				**6924**				**6953**			
Sample				AA				AA				AA 1st Flot				AA 1st Flot			
Weight/Volume processed (kg/litres)				32.5/29				21/17				17/13				5.5/12*			
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.5	>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/1	1/1	X	X	1/1	10ml	1/1	1/32	1/128	1/64	1/1	1/1	1/1	1/1
PLANT REMAINS																			
Cultivated and associated plants																			
Cereals																			
Grains																			
Triticum spelta L.	spelt wheat	caryopsis	ch	-	2	-	-	-	-	-	-	83	96	-	-	7	101	-	-
Triticum spelta L.	spelt wheat	caryopsis - germinating	ch	-	-	-	-	-	-	-	-	4	17	-	-	-	1	-	-
Triticum cf. *spelta* L.	spelt wheat	caryopsis	ch	-	-	-	-	-	-	-	-	19	20	-	-	-	9	-	-
Triticum spelta L. 2 grains and 1 spikelet	spelt wheat	caryopsis and spikelet fork	ch	-	-	-	-	-	-	-	-	5	1	-	-	-	-	-	-
Triticum spelta L. 1 grain and 1 spikelet	spelt wheat	caryopsis and spikelet fork	ch	-	-	-	-	-	-	-	-	4	3	-	-	-	-	-	-
Triticum spelta L. 2 grains and 1 glume	spelt wheat	caryopsis and glume base	ch	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Triticum spelta L.1 grain and 1 glume	spelt wheat	caryopsis and glume base	ch	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
Triticum spelta L. 2 grains (stuck together no chaff)	spelt wheat	caryopsis	ch	-	-	-	-	-	-	-	-	25	1	-	-	1	2	-	-
Triticum dicoccum Schübl./*T. spelta* L.	emmer/spelt wheat	caryopsis	ch	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glume wheat indeterminate	glume wheat	caryopsis	ch	-	3	-	-	-	-	-	-	3	12	-	-	-	8	-	-
Triticum cf. *aestivum* L./*T. durum* Desf./*T. turgidum* L.	naked wheat	caryopsis	ch	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Triticum indeterminate	wheat	caryopsis	ch	-	-	-	-	-	-	-	-	-	2	-	-	-	3	-	-
Hordeum distichon L./*H. vulgare* L.	hulled barley	caryopsis	ch	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Hordeum indeterminate	barley	caryopsis	ch	-	2	-	-	-	-	1	-	-	1	-	-	-	2	-	-
Hordeum/Triticum	barley/wheat	caryopsis	ch	-	-	-	-	-	-	-	-	1	1	-	-	-	3	-	-
Cerealia indeterminate	cereal	caryopsis	ch	-	5	6	-	-	-	1	-	14	18	-	-	-	12	-	-
Chaff																			
Triticum spelta L.	spelt wheat	glume base	ch	-	-	-	-	-	-	-	-	78	91	629	193	1	3	-	-
Triticum spelta L.	spelt wheat	spikelet fork	ch	-	-	-	-	-	-	-	-	4	11	6	2	-	1	-	-
Triticum spelta L.	spelt wheat	rachis segment	ch	-	-	-	-	-	-	-	-	-	5	25	9	-	-	-	-
Glume wheat glume base	glume wheat	glume base	ch	-	-	2	1	-	-	-	-	-	-	162	138	-	-	5	-
Glume wheat rachis	cereal	rachis segment	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
Hordeum distichon L./*H. vulgare* L.	barley	rachis segment	ch	-	-	-	-	-	-	2	-	-	-	4	4	-	-	-	-
Indeterminate rachis segment	cereal	rachis segment	ch	-	-	-	-	-	-	-	-	-	-	30	150	-	-	-	-

Phase				**1c**															
Field Number				**63**															
Context				**5389**				**5596**				**6924**				**6953**			
Sample				AA				AA				AA 1st Flot				AA 1st Flot			
Weight/Volume processed (kg/litres)				32.5/29				21/17				17/13				5.5/12*			
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.5	>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/1	1/1	X	X	1/1	10ml	1/1	1/32	1/128	1/64	1/1	1/1	1/1	1/1
Cerealia indeterminate	cereal	coleoptile (detached)	ch	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
Culm node	indeterminate	culm node	ch	-	-	-	-	-	-	-	-	-	1	-	-	10	34	11	2
Other possible cultivated cereals																			
Avena	oat	caryopsis	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Legumes																			
Lathyrus/Vicia 2-4mm	pea/vetch	seed	ch	-	-	2	-	-	-	1	-	-	-	-	-	-	-	28	-
Arable weeds																			
Papaver rhoeas L.	common poppy	seed	ch	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Raphanus raphanistrum L.	wild radish	pod and/or pod fragment	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	9	-	-
Raphanus raphanistrum L.	wild radish	seed	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Thlaspi arvense L.	field penny-cress	seed	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Wild plants																			
Wetland taxa																			
Ranunculus cf. *lingua* L.	greater spearwort	achene	ch	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-
Montia fontana L.	blinks	seed	u	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	4
Persicaria sp.	knotweed	nutlet	ch	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Cyperaceae	sedge family	nutlet	ch	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Carex sp.	sedge	biconvex nutlet	ch	-	-	1	1	-	-	-	3	-	-	-	-	-	-	1	-
Carex sp.	sedge	trigonous nutlet	ch	-	-	6	3	-	-	29	46	-	-	2	-	-	-	5	9
Isolepis setacea (L.) R. Br. (*Scirpus setaceus* L.)	bristle club-rush	nutlet	ch	-	-	-	1	-	-	-	-	-	-	-	40	-	-	13	243
Heath (including moorland and mountain) taxa																			
Calluna vulgaris (L.) Hull	heather	flower(s)	ch	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Calluna vulgaris (L.) Hull	heather	shoot fragment(s)	ch	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Ruderal (wasteland and disturbed ground) taxa																			
Urtica dioica L.	common nettle	achene	ch	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Urtica dioica L.	common nettle	achene	u	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Stellaria sp.	stitchwort	seed	u	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Polygonaceae	knotweed family	nutlet	ch	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	-
Galium aparine L.	cleavers	seed	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Galium sp.	bedstraw	seed	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Plantago sp.	plaintains	achene	ch	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Eurytopic taxa																			
Ranunculus subg. *Ranunculus*	buttercup	achene	u	-	-	-	-	-	-	1	-		-	-	-	-	-	-	-
Atriplex/Chenopodium	orache/goosefoot	seed	u	-	-	3	2	-	-	1	3	-	-	3	9	-	-	3	1

Phase				**1c**															
Field Number				**63**															
Context				**5389**				**5596**				**6924**				**6953**			
Sample				AA				AA				AA 1st Flot				AA 1st Flot			
Weight/Volume processed (kg/litres)				32.5/29				21/17				17/13				5.5/12*			
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.5	>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/1	1/1	X	X	1/1	10ml	1/1	1/32	1/128	1/64	1/1	1/1	1/1	1/1
Caryophyllaceae	pink family	seed	ch	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Rumex sp.	dock	nutlet	ch	-	-	1	3	-	-	-	3	-	-	3	-	-	1	60	8
Brassicaceae	cabbage family	seed	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1
Astragalus/ Trigonella	milk vetches/fenugreeks	seed	ch	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Small seeded legume		seed	ch	-	-	1	2	-	-	-	-	-	-	-	1	-	-	-	1
Lamiaceae	dead-nettle family	nutlet	ch	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Teucrium sp.	germanders	nutlet	ch	-	-	-	-	-	-	6	14	-	-	-	-	-	-	-	1
Asteraceae	daisy family	achene	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
Leontodon-type	hawkbit	achene	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Poaceae >2mm	grass family	caryopsis	ch	-	-	1	-	-	-	4	-	38	521	182	-	-	16	37	-
Poaceae <2mm	grass family	caryopsis	ch	-	-	2	11	-	-	-	-	-	-	-	-	-	-	-	66
Indeterminate		seed	ch	-	-	2	9	-	-	-	5	-	-	-	3	-	-	6	10

Table 39: Quantitative records of plant macrofossils identified from samples from Phase 1c deposits in Field 63 (contexts 7302 and 7463), examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.5' – fraction 0.5 to 1 mm; '>0.3' – fraction 0.3 to 1 mm; 'Un.' – not separated into fractions; 'ch' – charred; 'u' – uncharred

Phase				**1c**												
Field Number				**63**												
Context				**7302**	**7463**								**7463**			
Sample				AA	AA								AA			
Weight/Volume processed (kg/litres)				90/80	7.5/6								13/12			
				-	1st washover				2nd washover				-			
Fraction size				Un.	>4	>2	>1	>0.3	>4	>2	>1	>0.3	>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/1	1/1	1/4	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/4
PLANT REMAINS																
Cultivated and associated plants																
Cereals																
Grains																
Triticum spelta L.	spelt wheat	caryopsis	ch	3	-	-	-	-	-	-	-	-	-	-	-	-
Triticum dicoccum Schübl./*T. spelta* L.	emmer/spelt wheat	caryopsis	ch	1	-	-	-	-	-	-	-	-	-	-	-	-
Glume wheat indeterminate	glume wheat	caryopsis	ch	5	-	-	-	-	-	-	-	-	-	-	-	-
Glume wheat indeterminate	glume wheat	caryopsis - germinating	ch	1	-	-	-	-	-	-	-	-	-	-	-	-
Triticum indeterminate	wheat	caryopsis	ch	2	-	1	-	-	-	-	-	-	-	2	-	-
Hordeum distichon L./*H. vulgare* L.	hulled barley	caryopsis	ch	-	-	4	-	-	-	-	-	-	-	1	-	-
Hordeum indeterminate	barley	caryopsis	ch	8	-	3	-	-	-	-	-	-	-	2	-	-
Hordeum/Triticum	barley/wheat	caryopsis	ch	1	-	-	-	-	-	-	-	-	-	-	-	-
Cerealia indeterminate	cereal	caryopsis	ch	29	-	1	-	-	-	-	-	-	-	4	-	-
Chaff																
Triticum spelta L.	spelt wheat	glume base	ch	6	-	-	-	-	-	-	-	-	-	-	-	-
Glume wheat glume base	glume wheat	glume base	ch	13	-	-	1	-	-	-	4	-	-	-	2	-
Hordeum distichon L./*H. vulgare* L.	barley	rachis segment	ch	1	-	-	-	-	-	-	1	-	-	-	-	-
Cerealia indeterminate	cereal	coleoptile (detached)	ch	1	-	-	-	-	-	-	-	-	-	-	1	-
Legumes																
Lathyrus/Vicia 2-4mm	pea/vetch	Seed	ch	1	-	-	-	-	-	1	-	-	-	-	1	-
Arable weeds																
Raphanus raphanistrum L.	wild radish	pod and/or pod fragment	ch	1	-	-	4	-	-	-	-	-	-	-	1	-
Wild plants																
Wetland taxa																
Montia fontana L.	blinks	Seed	u	-	-	-	-	-	-	-	-	-	-	-	-	1
Persicaria sp.	knotweed	nutlet	ch	-	-	-	1	-	-	-	1	-	-	-	-	-
Cyperaceae	sedge family	nutlet	ch	2	-	-	1	1	-	-	-	-	-	-	-	-
Carex sp.	sedge	biconvex nutlet	ch	13	-	-	2	5	-	-	-	1	-	-	3	12
Carex sp.	sedge	trigonous nutlet	ch	16	-	-	-	8	-	-	1	-	-	-	8	5

Phase				**1c**												
Field Number				**63**												
Context				**7302**	**7463**								**7463**			
Sample				AA	AA								AA			
Weight/Volume processed (kg/litres)				90/80	7.5/6								13/12			
				-	1st washover				2nd washover				-			
Fraction size				Un.	>4	>2	>1	>0.3	>4	>2	>1	>0.3	>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/1	1/1	1/4	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/4
Isolepis setacea (L.) R. Br. (*Scirpus setaceus* L.)	bristle club-rush	nutlet	ch	5	-	-	-	-	-	-	-	-	-	-	-	-
Heath (including moorland and mountain) taxa																
Calluna vulgaris (L.) Hull	heather	flower(s)	ch	5	-	-	4	7	-	-	1	5	-	-	2	7
Calluna vulgaris (L.) Hull	heather	shoot fragment(s)	ch	-	-	-	-	1	-	-	-	-	-	-	-	2
Ruderal (wasteland and disturbed ground) taxa																
Urtica dioica L.	common nettle	achene	u	-	-	-	-	-	-	-	-	-	-	-	-	2
Plantago sp.	plaintains	achene	ch	5	-	-	1	-	-	-	-	-	-	-	-	1
Eurytopic taxa																
Ranunculus subg. *Ranunculus*	buttercup	achene	ch	-	-	-	-	-	-	-	-	-	-	-	1	-
Atriplex/Chenopodium	orache/goosefoot	Seed	u	1	-	-	-	-	-	-	-	-	-	-	1	-
Caryophyllaceae	pink family	Seed	ch	1	-	-	-	2	-	-	-	-	-	-	-	-
Rumex sp.	dock	nutlet	ch	5	-	-	-	-	-	-	1	-	-	-	-	1
Small seeded legume		Seed	ch	10	-	-	-	1	-	-	-	-	-	-	-	-
Lamiaceae	dead-nettle family	nutlet	ch	1	-	-	-	-	-	-	-	-	-	-	-	-
Teucrium sp.	germanders	nutlet	ch	1	-	-	-	1	-	-	-	-	-	-	-	8
Rhinanthus sp.	yellow-rattles	Seed	ch	1	-	-	-	-	-	-	-	-	-	-	-	-
Poaceae >2mm	grass family	caryopsis	ch	27	-	-	5	-	-	-	-	-	-	-	6	-
Poaceae <2mm	grass family	caryopsis	ch	15	-	-	-	1	-	-	-	-	-	-	-	-
Indeterminate		Seed	ch	11	-	-	5	3	-	-	-	2	-	-	3	3
OTHER REMAINS																
Mouse dung		pellets	ch	2	-	-	-	-	-	-	-	-	-	-	-	-

Table 40: Quantitative records of plant macrofossils identified from samples from Phase 1d deposits in Field 63, examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.5' – fraction 0.5 to 1 mm; 'X' – no material in fraction; 'ch' – charred; 'u' – uncharred

Phase				**1d**											
Field Number				**63**											
Context				**5246**				**5255**				**6870**			
Sample				AA				AA				AA			
Weight/Volume processed (kg/litres)				20/20				40/40				29/24			
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/1	1/2	1/1	1/1	3/4	1/8	X	1/1	1/1	1/2
PLANT REMAINS															
Cultivated and associated plants															
Cereals															
Grains															
Triticum cf. *spelta* L.	spelt wheat	caryopsis	ch	-	-	-	-	-	1	-	-	-	-	-	-
Hordeum indeterminate	barley	caryopsis	ch	-	3	-	-	-	54	-	-	-	10	-	-
Hordeum/Triticum	barley/wheat	caryopsis	ch	-	-	-	-	-	4	-	-	-	-	-	-
Cerealia indeterminate	cereal	caryopsis	ch	-	1	-	-	-	15	-	-	-	4	-	-
Chaff															
Triticum spelta L.	spelt wheat	glume base	ch	-	-	-	-	-	-	-	-	-	-	-	1
Glume wheat glume base	glume wheat	glume base	ch	-	-	-	-	-	-	-	-	-	-	3	-
Hordeum distichon L./*H. vulgare* L.	barley	rachis segment	ch	-	-	-	-	-	-	-	1	-	-	-	-
Other possible cultivated cereals															
Secale cereale L.	rye	caryopsis	ch	-	3	-	-	-	-	-	-	-	-	-	-
Arable weeds															
Fumaria sp.	fumitory	seed	ch	-	-	-	-	-	-	1	-	-	-	-	-
Raphanus raphanistrum L.	wild radish	pod and/or pod fragment	ch	-	-	-	-	-	-	3	-	-	1	1	-
Raphanus raphanistrum L.	wild radish	seed	ch	-	-	-	-	-	-	-	-	-	-	1	-
Wild plants															
Wetland taxa															
Ranunculus flammula L.	lesser spearwort	achene	ch	-	-	-	1	-	-	-	-	-	-	-	-
Persicaria lapathifolia (L.) Gray	pale persicaria	nutlet	ch	-	-	1	-	-	-	-	-	-	-	-	-
Persicaria sp.	knotweed	nutlet	ch	-	-	-	-	-	-	1	-	-	-	-	-
Cyperaceae	sedge family	nutlet	ch	-	-	-	1	-	-	-	-	-	-	-	-
Carex sp.	sedge	biconvex nutlet	ch	-	-	1	-	-	-	2	-	-	-	1	3
Carex sp.	sedge	trigonous nutlet	ch	-	1	4	1	-	-	24	-	-	-	4	2
Aquatic taxa															
Polygonum hydropiper (L.) Spach	water pepper	achene	u	-	-	-	-	-	-	-	-	-	-	1	-
Woodland (including scrub and hedgerow) taxa															
Prunus	wild plum	fruitstone/ fragment	ch	-	-	-	-	1	-	-	-	-	-	-	-

Phase				**1d**											
Field Number				**63**											
Context				**5246**				**5255**				**6870**			
Sample				AA				AA				AA			
Weight/Volume processed (kg/litres)				20/20				40/40				29/24			
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.5	>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/1	1/2	1/1	1/1	3/4	1/8	X	1/1	1/1	1/2
Sambucus nigra L.	elder	fruit	ch	-	-	-	-	-	-	-	-	-	-	1	-
Heath (including moorland and mountain) taxa															
Calluna vulgaris (L.) Hull	heather	flower(s)	ch	-	-	-	-	-	-	4	10	-	-	1	14
Calluna vulgaris (L.) Hull	heather	shoot fragment(s)	ch	-	-	-	-	-	-	10	1	-	-	-	-
Calluna vulgaris (L.) Hull	heather	shoot fragment(s)	u	-	-	-	-	-	-	-	3	-	-	-	-
Calluna vulgaris (L.) Hull	heather	stem fragment(s)	ch	-	-	-	-	-	1	-	-	-	-	-	-
Ruderal (wasteland and disturbed ground) taxa															
Polygonaceae	knotweed family	nutlet	ch	-	-	1	-	-	-	2	-	-	-	1	-
Plantago sp.	plaintains	achene	ch	-	-	-	-	-	-	-	-	-	-	2	1
Eurytopic taxa															
Ranunculus subg. *Ranunculus*	buttercup	achene	ch	-	-	-	-	-	-	1	-	-	-	-	-
Atriplex/Chenopodium	orache/goosefoot	seed	u	-	-	-	-	-	-	-	-	-	-	2	-
Rumex sp.	dock	nutlet	ch	-	-	-	-	-	-	1	-	-	-	4	-
Small seeded legume		seed	ch	-	-	-	1	-	-	1	1	-	-	4	2
Poaceae >2mm	grass family	caryopsis	ch	-	-	-	-	-	3	17	-	-	-	2	-
Poaceae <2mm	grass family	caryopsis	ch	-	-	-	1	-	-	-	2	-	-	3	9
Indeterminate		seed	ch	-	-	3	7	-	-	4	1	-	-	4	-

Table 41: Quantitative records of plant macrofossils identified from samples from Phase 1i deposits in Field 61a, examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.3' – fraction 0.3 to 1 mm; 'ch' – charred; 'u' – uncharred

Phase				**1i**			
Field Number				**61a**			
Context				**8452**			
Sample				AA			
Weight/Volume processed (kg/litres)				9.25/8			
Fraction size				>4	>2	>1	>0.3
Fraction sorted				1/1	1/1	1/4	1/8
PLANT REMAINS							
Cultivated and associated plants							
Cereals							
Grains							
Triticum spelta L.	spelt wheat	caryopsis	ch	-	5	-	-
Triticum spelta L.	spelt wheat	caryopsis - germinating	ch	-	1	-	-
Glume wheat indeterminate	glume wheat	caryopsis	ch	-	4	-	-
Triticum indeterminate	wheat	caryopsis	ch	-	1	-	-
Triticum indeterminate	wheat	caryopsis - germinating	ch	-	1	-	-
Hordeum distichon L./*H. vulgare* L.	hulled barley	caryopsis	ch	-	12	-	-
Hordeum indeterminate	barley	caryopsis	ch	-	18	-	-
Hordeum/Triticum	barley/wheat	caryopsis	ch	-	3	-	-
Cerealia indeterminate	cereal	caryopsis	ch	-	16	-	-
Chaff							
Triticum spelta L.	spelt wheat	glume base	ch	-	1	8	-
Glume wheat glume base	glume wheat	glume base	ch	-	-	9	3
Glume wheat rachis	cereal	rachis segment	ch	-	-	2	-
Hordeum distichon L./*H. vulgare* L.	barley	rachis segment	ch	-	-	6	-
Culm node	indeterminate	culm node	ch	-	30	6	-
Other possible cultivated cereals							
Avena	oat	caryopsis	ch	-	3	-	-
Legumes							
Lathyrus/Vicia 2-4mm	pea/vetch	seed	ch	-	1	3	-
Large legume indeterminate		seed	ch	-	2	-	-
Wild plants							
Wetland taxa							
Persicaria sp.	knotweed	nutlet	ch	-	-	1	-
Carex sp.	sedge	biconvex nutlet	ch	-	-	8	4
Carex sp.	sedge	biconvex nutlet	u	-	-	-	-
Carex sp.	sedge	trigonous nutlet	ch	-	4	21	17

Phase				**1i**			
Field Number				**61a**			
Context				**8452**			
Sample				AA			
Weight/Volume processed (kg/litres)				9.25/8			
Fraction size				>4	>2	>1	>0.3
Fraction sorted				1/1	1/1	1/4	1/8
Isolepis setacea (L.) R. Br. (*Scirpus setaceus* L.)	bristle club-rush	nutlet	ch	-	-	1	12
Heath (including moorland and mountain) taxa							
Calluna vulgaris (L.) Hull	heather	flower(s)	ch	-	-	1	2
Calluna vulgaris (L.) Hull	heather	shoot fragment(s)	ch	-	1	1	2
Calluna vulgaris (L.) Hull	heather	stem fragment(s)	ch	-	2	-	-
Ruderal (wasteland and disturbed ground) taxa							
Stellaria media (L.) Vill.	common chickweed	seed	ch	-	-	-	4
Stellaria graminea L./*S. palustris* Retz.	lesser/marsh stitchwort	seed	ch	-	-	-	3
Polygonaceae	knotweed family	nutlet	ch	-	-	1	-
Galeopsis sp.	hemp-nettle	nutlet	ch	-	-	1	-
Galium aparine L.	cleavers	seed	ch	-	2	-	-
Plantago sp.	plaintains	achene	ch	-	-	15	4
Eurytopic taxa							
Ranunculus subg. *Ranunculus*	buttercup	achene	ch	-	-	12	-
Atriplex/Chenopodium	orache/goosefoot	seed	u	-	-	4	2
Caryophyllaceae	pink family	seed	ch	-	-	-	1
Rumex sp.	dock	nutlet	ch	-	-	21	5
Small seeded legume		seed	ch	-	-	6	6
Asteraceae	daisy family	achene	ch	-	-	-	1
Carduus/Cirsium	thistle	achene	ch	-	-	1	-
Poaceae >2mm	grass family	caryopsis	ch	-	38	35	-
Poaceae <2mm	grass family	caryopsis	ch	-	-	1	85
Indeterminate		seed	ch	-	-	15	17
OTHER REMAINS							
rhizomes/tubers	undifferentiated		ch	1	1	-	-
Gall	undifferentiated		ch	1	-	-	-
Mouse dung		pellets	ch	-	-	1	-

Table 42: Quantitative records of plant macrofossils identified from samples from Phase 2 deposit in Field 61a, examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.5' – fraction 0.5 to 1 mm; 'ch' – charred; 'u' – uncharred

Phase				**2**			
Field Number				**61a**			
Context				**8353**			
Sample				AA			
Weight/Volume processed (kg/litres)				49/35.5			
Fraction size				>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/1	1/1
PLANT REMAINS							
Cultivated and associated plants							
Cereals							
Grains							
Triticum spelta L.	spelt wheat	Caryopsis	ch	7	3	-	-
Triticum cf. *spelta* L.	spelt wheat	Caryopsis	ch	-	6	-	-
Triticum spelta L. 2 grains and 1 spikelet	spelt wheat	caryopsis and spikelet fork	ch	1	-	-	-
Triticum spelta L. 1 grain and 1 spikelet	spelt wheat	caryopsis and spikelet fork	ch	-	1	-	-
Triticum spelta L. 2 grains (stuck together no chaff)	spelt wheat	Caryopsis	ch	2	-	-	-
Glume wheat indeterminate	glume wheat	Caryopsis	ch	1	16	-	-
Triticum indeterminate	wheat	Caryopsis	ch	-	3	-	-
Hordeum distichon L./*H. vulgare* L.	hulled barley	Caryopsis	ch	-	1	-	-
Hordeum indeterminate	barley	Caryopsis	ch	-	4	-	-
Hordeum/Triticum	barley/wheat	Caryopsis	ch	-	2	-	-
Cerealia indeterminate	cereal	Caryopsis	ch	-	23	-	-
Chaff							
Triticum spelta L.	spelt wheat	glume base	ch	2	3	1	-
Glume wheat glume base	glume wheat	glume base	ch	-	-	2	-
Hordeum distichon L./*H. vulgare* L.	barley	rachis segment	ch	-	-	1	3
Culm node	indeterminate	culm node	ch	-	1	1	-
Legumes							
Lathyrus/Vicia 2-4mm	pea/vetch	Seed	ch	-	1	1	-
Arable weeds							
Fumaria sp.	fumitory	Seed	u	-	-	1	-
Raphanus raphanistrum L.	wild radish	pod and/or pod fragment	ch	-	3	3	-
Wild plants							
Wetland taxa							
Ranunculus cf. *lingua* L.	greater spearwort	Achene	ch	-	-	2	-
Cyperaceae	sedge family	Nutlet	ch	-	-	3	-

Phase				**2**			
Field Number				**61a**			
Context				**8353**			
Sample				AA			
Weight/Volume processed (kg/litres)				49/35.5			
Fraction size				>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/1	1/1
Carex sp.	sedge	biconvex nutlet	ch	-	-	-	11
Carex sp.	sedge	trigonous nutlet	ch	-	1	8	14
Isolepis setacea (L.) R. Br. (*Scirpus setaceus* L.)	bristle club-rush	Nutlet	ch	-	-	-	50
Aquatic taxa							
Alisma sp.	water-plantain	Achene	ch	-	-	-	1
Ruderal (wasteland and disturbed ground) taxa							
Stellaria media (L.) Vill.	common chickweed	seed	ch	-	-	-	2
Stellaria graminea L./*S. palustris* Retz.	lesser/marsh stitchwort	seed	ch	-	-	-	1
Polygonaceae	knotweed family	nutlet	ch	-	-	-	2
Galium sp.	bedstraw	seed	ch	-	-	1	-
Plantago sp.	plaintains	achene	ch	-	-	5	16
Eurytopic taxa							
Atriplex/Chenopodium	orache/goosefoot	seed	u	-	-	5	-
Rumex sp.	dock	nutlet	ch	-	-	12	4
cf. *Rumex acetosella* L.	sheep's sorrel	achene	ch	-	-	2	-
Small seeded legume		seed	ch	-	-	6	27
Teucrium sp.	germanders	nutlet	ch	-	-	-	1
Poaceae >2mm	grass family	caryopsis	ch	-	25	68	10
Poaceae <2mm	grass family	caryopsis	ch	-	-	-	80
Indeterminate		seed	ch	-	-	4	5
OTHER REMAINS							
Mouse dung		pellets	ch	-	-	1	-

Table 43: Quantitative records of plant macrofossils identified from samples from Phase 3 deposits in Field 63(contexts 5781 to 7377), examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.5' – fraction 0.5 to 1 mm; '>0.3' – fraction 0.3 to 1 mm; 'X' – no material in fraction; 'ch' – charred; 'u' – uncharred

Phase				**3**															
Field Number				**63**															
Context				**5781**				**7367**				**7367**				**7377**			
Sample				AA				AA				AA				AA			
Weight/Volume processed (kg/litres)				not recorded				10/9				20/16				1.5/1.25			
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.3	>4	>2	>1	>0.5	>4	>2	>1	>0.3
Fraction sorted				X	1/1	1/1	1/2	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	X	1/1	1/1	1/1
PLANT REMAINS																			
Cultivated and associated plants																			
Cereals																			
Grains																			
Triticum spelta L.	spelt wheat	caryopsis	ch	-	71	-	-	-	-	-	-	-	16	-	-	-	1	-	-
Triticum cf. *spelta* L.	spelt wheat	caryopsis	ch	-	22	-	-	-	-	-	-	-	4	-	-	-	-	-	-
Glume wheat indeterminate	glume wheat	caryopsis	ch	-	16	-	-	-	4	-	-	-	4	-	-	-	6	-	-
Triticum indeterminate	wheat	caryopsis	ch	-	6	-	-	-	1	-	-	-	2	-	-	-	3	-	-
Hordeum distichon L./*H. vulgare* L.	hulled barley	caryopsis	ch	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Hordeum indeterminate	barley	caryopsis	ch	-	3	-	-	-	1	-	-	-	-	-	-	-	1	-	-
Hordeum/Triticum	barley/wheat	caryopsis	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Hordeum/Triticum	barley/wheat	caryopsis-germinating	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Cerealia indeterminate	cereal	caryopsis	ch	-	68	-	-	-	6	-	-	-	18	-	-	-	21	-	-
Chaff																			
Triticum spelta L.	spelt wheat	glume base	ch	-	9	481	30	-	-	-	-	-	-	1	-	-	3	33	2
Triticum spelta L.	spelt wheat	spikelet fork	ch	-	3	7	-	-	-	-	-	-	-	-	-	-	1	4	-
Triticum spelta L.	spelt wheat	rachis segment	ch	-	-	16	19	-	-	-	-	-	-	-	-	-	-	-	-
Glume wheat glume base	glume wheat	glume base	ch	-	-	470	375	-	-	2	-	-	-	-	2	-	-	67	12
Glume wheat spikelet fork	glume wheat	spikelet fork	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-
Glume wheat rachis	cereal	rachis segment	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-
Hordeum distichon L./*H. vulgare* L.	barley	rachis segment	ch	-	-	-	-	-	-	-	-	-	-	-	1	-	-	8	3
Cerealia indeterminate	cereal	coleoptile (detached)	ch	-	-	70	4	-	-	-	-	-	-	-	1	-	-	2	-
Culm node	indeterminate	culm node	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
Legumes																			
Lathyrus/Vicia 2-4mm	pea/vetch	seed	ch	-	-	6	-	-	-	-	-	-	-	-	-	-	-	2	-
Other																			
cf. *Linum usitatissimum* L.	flax	seed	ch	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Arable weeds																			

Phase				**3**															
Field Number				**63**															
Context				**5781**				**7367**				**7367**				**7377**			
Sample				AA				AA				AA				AA			
Weight/Volume processed (kg/litres)				not recorded				10/9				20/16				1.5/1.25			
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.3	>4	>2	>1	>0.5	>4	>2	>1	>0.3
Fraction sorted				X	1/1	1/1	1/2	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	X	1/1	1/1	1/1
Raphanus raphanistrum L.	wild radish	pod and/or pod fragment	ch	-	2	2	-	-	-	-	-	-	-	-	-	-	1	-	-
Anthemis cotula L.	stinking chamomile	achene	ch	-	-	-	4	-	-	-	1	-	-	-	11	-	-	-	6
Wild plants																			
Wetland taxa																			
Montia fontana L.	blinks	seed	u	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Persicaria lapathifolia (L.) Gray	pale persicaria	nutlet	ch	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Persicaria sp.	knotweed	nutlet	ch	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1
Cyperaceae	sedge family	nutlet	ch	-	-	3	-	-	-	1	3	-	-	-	-	-	-	-	-
Carex sp.	sedge	biconvex nutlet	ch	-	-	-	-	-	-	-	1	-	-	1	2	-	-	-	-
Carex sp.	sedge	trigonous nutlet	ch	-	-	-	-	-	-	2	1	-	-	2	-	-	-	1	-
Carex sp.	sedge	trigonous nutlet	u	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Isolepis setacea (L.) R. Br. (*Scirpus setaceus* L.)	bristle club-rush	nutlet	ch	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	8
Woodland (including scrub and hedgerow) taxa																			
Prunus	wild plum	fruitstone/ fragment	u	-	-	-	-	1	1.5	-	-	-	-	-	-	-	-	-	-
Sambucus nigra L.	elder	fruit	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Sambucus nigra L.	elder	fruit	u	-	-	-	-	-	-	2	-	-	-	2	-	-	-	2	-
Heath (including moorland and mountain) taxa																			
Calluna vulgaris (L.) Hull	heather	stem fragment(s)	ch	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-
Ruderal (wasteland and disturbed ground) taxa																			
Urtica dioica L.	common nettle	achene	u	-	-	-	-	-	-	1	23	-	-	-	83	-	-	-	3
Stellaria sp.	stitchwort	seed	u	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Polygonaceae	knotweed family	nutlet	ch	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Galium aparine L.	cleavers	seed	ch	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Plantago sp.	plaintains	achene	ch	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-	-
Sonchus sp.	sow-thistles	achene	u	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Eurytopic taxa																			
Atriplex/ Chenopodium	orache/ goosefoot	seed	u	-	-	-	-	-	-	5	1	-	-	1	-	-	-	1	4
Rumex sp.	dock	nutlet	ch	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2
Small seeded legume		seed	ch	-	-	-	-	-	-	-	-	-	-	1	5	-	-	1	2
Prunella vulgaris L.	self-heal	nutlet	ch	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-

Phase				**3**															
Field Number				**63**															
Context				**5781**				**7367**				**7367**				**7377**			
Sample				AA				AA				AA				AA			
Weight/Volume processed (kg/litres)				not recorded				10/9				20/16				1.5/1.25			
Fraction size				>4	>2	>1	>0.5	>4	>2	>1	>0.3	>4	>2	>1	>0.5	>4	>2	>1	>0.3
Fraction sorted				X	1/1	1/1	1/2	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	X	1/1	1/1	1/1
Asteraceae	daisy family	achene	ch	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Poaceae >2mm	grass family	caryopsis	ch	-	20	90	2	-	2	3	-	-	2	33	2	-	31	148	2
Poaceae <2mm	grass family	caryopsis	ch	-	-	-	-	-	-	1	8	-	-	-	6	-	-	-	-
Indeterminate		seed	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	3

Table 44: Quantitative records of plant macrofossils identified from samples from Phase 3 deposits in Field 63 (contexts 7449 and 7500), examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.3' – fraction 0.3 to 1 mm; 'Un.' – not separated into fractions; 'ch' – charred; 'u' – uncharred

Phase				**3**						
Field Number				**63**						
Context				**7449**				**7449**	**7500**	**7500**
Sample				AA				AA	AA	AA
Weight/Volume processed (kg/litres)				4/4				14.5/11.5	7.75/6.5	24/21
Fraction size				>4	>2	>1	>0.3	Un.	Un.	Un.
Fraction sorted				1/1	1/1	1/1	1/1	1/1	1/1	1/1
PLANT REMAINS										
Cultivated and associated plants										
Cereals										
Grains										
Triticum spelta L.	spelt wheat	caryopsis	ch	-	-	-	-	15	-	-
Triticum spelta L.	spelt wheat	caryopsis - germinating	ch	-	4	-	-	-	-	-
Triticum dicoccum Schübl./*T. spelta* L.	emmer/spelt wheat	caryopsis	ch	-	1	-	-	-	1	-
Glume wheat indeterminate	glume wheat	caryopsis	ch	-	4	-	-	10	-	-
Triticum indeterminate	Wheat	caryopsis	ch	-	2	-	-	5	-	-
Hordeum distichon L./*H. vulgare* L.	hulled barley	caryopsis	ch	-	-	-	-	-	-	3
Hordeum indeterminate	Barley	caryopsis	ch	-	3	-	-	1	-	2
Hordeum/Triticum	barley/wheat	caryopsis	ch	-	-	-	-	3	-	-
Cerealia indeterminate	Cereal	caryopsis	ch	-	8	-	-	33	-	3
Chaff										
Triticum spelta L.	spelt wheat	glume base	ch	-	-	5	-	12	-	1
Triticum spelta L.	spelt wheat	spikelet fork	ch	-	-	1	-	-	-	-
Triticum spelta L.	spelt wheat	rachis segment	ch	-	-	-	-	4	-	1
Glume wheat glume base	glume wheat	glume base	ch	-	-	5	3	7	-	-
Hordeum distichon L./*H. vulgare* L.	Barley	rachis segment	ch	-	-	-	1	5	-	-
Cerealia indeterminate	Cereal	coleoptile (detached)	ch	-	-	-	-	1	-	-
Culm node	Indeterminate	culm node	ch	-	-	1	-	-	-	-
Legumes										
Lathyrus/Vicia 2-4mm	pea/vetch	seed	ch	-	-	-	-	2	-	-
Arable weeds										
Raphanus raphanistrum L.	wild radish	pod and/or pod fragment	ch	-	2	-	-	1	-	-
Anthemis cotula L.	stinking chamomile	achene	ch	-	-	-	-	4	-	-
Wild plants										
Wetland taxa										
Persicaria lapathifolia (L.) Gray	pale persicaria	nutlet	ch	-	-	-	-	1	-	-

Phase				**3**						
Field Number				**63**						
Context				**7449**				**7449**	**7500**	**7500**
Sample				AA				AA	AA	AA
Weight/Volume processed (kg/litres)				4/4				14.5/11.5	7.75/6.5	24/21
Fraction size				>4	>2	>1	>0.3	Un.	Un.	Un.
Fraction sorted				1/1	1/1	1/1	1/1	1/1	1/1	1/1
Persicaria lapathifolia (L.) Gray	pale persicaria	nutlet	u	-	-	-	-	-	-	1
Persicaria sp.	Knotweed	nutlet	ch	-	-	-	-	1	-	1
Lycopus europaeus L.	Gypsywort	nutlet	u	-	-	-	-	1	-	-
Carex sp.	Sedge	biconvex nutlet	ch	-	-	-	1	3	-	-
Carex sp.	Sedge	trigonous nutlet	ch	-	-	1	-	5	-	-
Carex sp.	Sedge	trigonous nutlet	u	-	-	-	-	1	-	-
Isolepis setacea (L.) R. Br. (*Scirpus setaceus* L.)	bristle club-rush	nutlet	ch	-	-	-	-	4	-	-
Woodland (including scrub and hedgerow) taxa										
Corylus avellana L.	Hazel	nutshell / fragment	ch	-	1	-	-	-	-	-
Sambucus nigra L.	Elder	fruit	u	-	-	-	-	1	-	-
Ruderal (wasteland and disturbed ground) taxa										
Urtica dioica L.	common nettle	achene	u	-	-	1	35	118	-	1
Stellaria graminea L./*S. palustris* Retz.	lesser/marsh stitchwort	seed	ch	-	-	-	-	-	-	1
Plantago sp.	Plaintains	achene	ch	-	-	-	-	1	-	-
Eurytopic taxa										
Ranunculus subg. *Ranunculus*	Buttercup	achene	u	-	-	-	-	-	-	1
Atriplex/Chenopodium	orache/goosefoot	seed	u	-	-	4	3	28	-	1
Caryophyllaceae	pink family	seed	ch	-	-	-	-	1	-	-
Rumex sp.	Dock	nutlet	ch	-	-	1	-	2	-	-
Small seeded legume		seed	ch	-	-	-	-	1	-	1
Prunella vulgaris L.	self-heal	nutlet	u	-	-	-	-	1	-	-
Poaceae >2mm	grass family	caryopsis	ch	-	5	7	2	95	-	3
Poaceae <2mm	grass family	caryopsis	ch	-	-	1	-	6	-	1
Indeterminate		seed	ch	-	-	1	-	-	-	2

Table 45: Quantitative records of plant macrofossils identified from samples from Phase 3 deposits in Field 64, examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.3' – fraction 0.3 to 1 mm; 'Un.' – not separated into fractions; 'X' – no material in fraction; 'ch' – charred; 'u' – uncharred

Phase				**3**								
Field Number				**64**								
Context				**7083**				**7188**				**7188**
Sample				**AA**				**AA**				**AA**
Weight/Volume processed (kg/litres)				9/7				6.25/4.5				17/12
Fraction size				>4	>2	>1	>0.3	>4	>2	>1	>0.3	Un.
Fraction sorted				1/1	1/1	1/1	1/1	X	X	1/1	1/1	1/1
PLANT REMAINS												
Cultivated and associated plants												
Cereals												
Grains												
Triticum spelta L.	spelt wheat	caryopsis	ch	-	24	-	-	-	-	-	-	-
Triticum cf. *spelta* L.	spelt wheat	caryopsis	ch	2	25	-	-	-	-	-	-	1
Triticum dicoccum Schübl./*T. spelta* L.	emmer/spelt wheat	caryopsis	ch	-	4	-	-	-	-	-	-	-
Glume wheat indeterminate	glume wheat	caryopsis	ch	2	32	1	-	-	-	1	-	-
Triticum cf. *aestivum* L./*T. durum* Desf./*T. turgidum* L.	naked wheat	caryopsis	ch	-	-	-	-	-	-	1	-	-
Hordeum/Triticum	barley/wheat	caryopsis	ch	-	1	-	-	-	-	-	-	-
Cerealia indeterminate	Cereal	caryopsis	ch	-	38	-	-	-	-	-	-	-
Chaff												
Triticum spelta L.	spelt wheat	glume base	ch	2	3	46	-	-	-	-	-	-
Glume wheat glume base	glume wheat	glume base	ch	9	11	153	22	-	-	-	-	-
Glume wheat spikelet fork	glume wheat	spikelet fork	ch	-	-	1	-	-	-	-	-	-
Hordeum distichon L./*H. vulgare* L.	Barley	rachis segment	ch	-	-	1	-	-	-	-	-	-
Culm node	Indeterminate	culm node	ch	-	1	-	-	-	-	-	-	-
Other possible cultivated cereals												
Avena	Oat	floret base	ch	-	-	1	-	-	-	-	-	-
Legumes												
Lathyrus/Vicia 2-4mm	pea/vetch	seed	ch	-	2	5	-	-	-	-	-	-
Arable weeds												
Raphanus raphanistrum L.	wild radish	pod and/or pod fragment	ch	-	-	1	-	-	-	-	-	-
Wild plants												
Wetland taxa												
Carex sp.	Sedge	trigonous nutlet	ch	-	-	1	2	-	-	-	-	-
Woodland (including scrub and hedgerow) taxa												
Sambucus nigra L.	Elder	fruit	u	-	-	-	-	-	-	-	-	1
Ruderal (wasteland and disturbed ground) taxa												
Urtica dioica L.	common nettle	achene	u	-	-	1	-	-	-	-	-	1

Phase				**3**								
Field Number				**64**								
Context				**7083**				**7188**				**7188**
Sample				**AA**				**AA**				**AA**
Weight/Volume processed (kg/litres)				9/7				6.25/4.5				17/12
Fraction size				>4	>2	>1	>0.3	>4	>2	>1	>0.3	Un.
Fraction sorted				1/1	1/1	1/1	1/1	X	X	1/1	1/1	1/1
Eurytopic taxa												
Rumex sp.	Dock	nutlet	ch	-	-	2	-	-	-	-	-	1
Melilotus/ Trifolium	meliots/clovers	seed	u	-	-	1	-	-	-	-	-	-
Poaceae >2mm	grass family	caryopsis	ch	-	9	6	-	-	-	-	-	1
Poaceae <2mm	grass family	caryopsis	ch	-	-	1	-	-	-	-	-	-
Indeterminate		seed	ch	-	-	1	-	-	-	-	-	-

Table 46: Quantitative records of plant macrofossils identified from samples from Phase 1 deposits in Field 63/64RR (Roman Roads area spanning Fields 63 and 64), examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.5' – fraction 0.5 to 1 mm; '>0.3' – fraction 0.3 to 1 mm; 'ch' – charred; 'u' – uncharred

Phase				**3**											
Field Number				**63/64 RR**											
Context				**9051**				**9056**				**9056**			
Sample				AA				AA				AA			
Weight/Volume processed (kg/litres)				10.5/7				9/7				25/19			
Fraction size				>4	>2	>1	>0.3	>4	>2	>1	>0.3	>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
PLANT REMAINS															
Cultivated and associated plants															
Cereals															
Grains															
Triticum spelta L.	spelt wheat	caryopsis	ch	-	6	-	-	-	1	-	-	-	4	-	-
Glume wheat indeterminate	glume wheat	caryopsis	ch	-	6	-	-	-	-	-	-	-	-	-	-
Triticum indeterminate	wheat	caryopsis	ch	-	-	-	-	-	1	-	-	-	2	-	-
Hordeum indeterminate	barley	caryopsis	ch	8	144	2	-	-	-	-	-	-	4	-	-
cf. *Hordeum*	barley	caryopsis	ch	-	12	-	-	-	-	-	-	-	-	-	-
Hordeum/Triticum	barley/wheat	caryopsis	ch	-	3	-	-	-	-	-	-	-	-	-	-
Cerealia indeterminate	cereal	caryopsis	ch	1	61	-	-	-	3	-	-	-	2	3	-
Chaff															
Triticum spelta L.	spelt wheat	glume base	ch	-	-	61	-	-	-	-	-	-	-	-	-
Glume wheat glume base	glume wheat	glume base	ch	-	-	55	31	-	-	-	-	-	-	-	-
Cerealia indeterminate	cereal	coleoptile (detached)	ch	-	-	26	1	-	-	-	-	-	-	-	-
Other possible cultivated cereals															
Avena	oat	caryopsis	ch	-	2	-	-	-	-	-	-	-	-	-	-
cf. *Avena*	oat	caryopsis	ch	-	-	-	-	-	-	1	-	-	-	-	-
Legumes															
Lathyrus/Vicia 2-4mm	pea/vetch	seed	ch	-	1	4	-	-	-	-	-	-	1	-	1
Lathyrus/Vicia/Pisum	pea/vetch	seed	ch	-	1	-	-	-	-	-	-	-	1	-	-
Large legume indeterminate		seed	ch	-	1	-	-	-	-	-	-	-	-	-	-
Arable weeds															
Raphanus raphanistrum L.	wild radish	pod and/or pod fragment	ch	-	1	1	-	-	-	-	-	-	-	-	-
Anthemis cotula L.	stinking chamomile	achene	ch	-	-	-	3	-	-	-	2	-	-	-	3
Wild plants															
Wetland taxa															
Ranunculus cf. *lingua* L.	greater spearwort	achene	ch	-	-	-	-	-	-	-	-	-	-	1	-
Montia fontana L.	blinks	seed	u	-	-	-	-	-	-	-	1	-	-	-	2
Cyperaceae	sedge family	nutlet	ch	-	-	-	1	-	1	2	-	-	-	-	-

Phase				**3**												
Field Number				**63/64 RR**												
Context				**9051**				**9056**				**9056**				
Sample				AA				AA				AA				
Weight/Volume processed (kg/litres)				10.5/7				9/7				25/19				
Fraction size				>4	>2	>1	>0.3	>4	>2	>1	>0.3	>4	>2	>1	>0.5	
Fraction sorted				1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	
Carex sp.	sedge	biconvex nutlet	ch	-	-	1	-	-	-	-	-	-	-	-	3	
Carex sp.	sedge	trigonous nutlet	ch	-	-	7	-	-	-	2	-	-	-	3	1	
Isolepis setacea (L.) R. Br. (*Scirpus setaceus* L.)	bristle club-rush	nutlet	ch	-	-	-	2	-	-	-	-	-	-	-	-	
Heath (including moorland and mountain) taxa																
Calluna vulgaris (L.) Hull	heather	stem fragment(s)	ch	1	-	-	-	-	-	-	-	-	-	1	-	
Ruderal (wasteland and disturbed ground) taxa																
Urtica dioica L.	common nettle	achene	ch	-	-	-	-	-	-	-	-	-	-	-	1	
Urtica dioica L.	common nettle	achene	u	-	-	-	-	-	-	-	-	-	-	-	2	
Stellaria sp.	stitchwort	seed	ch	-	-	-	-	-	-	-	-	-	-	-	1	
Polygonaceae	knotweed family	nutlet	ch	-	-	-	-	-	-	-	-	-	-	1	-	
Plantago	plaintains	achene	ch	-	-	-	-	-	-	-	-	-	-	-	1	
Eurytopic taxa																
Atriplex/Chenopodium	orache/goosefoot	seed	u	-	-	6	2	-	-	-	-	-	-	2	2	
Rumex sp.	dock	nutlet	ch	-	-	2	1	-	-	1	-	-	-	1	4	
Small seeded legume		seed	ch	-	-	1	-	-	-	-	-	-	-	-	4	
Asteraceae	daisy family	achene	ch	-	-	-	-	-	-	-	1	-	-	-	-	
Poaceae >2mm	grass family	caryopsis	ch	-	11	16	-	-	-	1	-	-	-	2	-	
Poaceae <2mm	grass family	caryopsis	ch	-	-	-	2	-	-	-	-	-	-	-	-	
Indeterminate		seed	ch	-	-	2	3	-	-	-	3	-	-	-	-	

Table 47: Quantitative records of plant macrofossils identified from samples from Phase 3c deposits in Field 63, examined primarily for charred remains. Nomenclature follows Stace (1997). Key: '>4' – fraction greater than 4 mm; '>2' – fraction 2 to 4 mm; '>1' – fraction 1 to 2 mm; '>0.5' – fraction 0.5 to 1 mm; '>0.3' – fraction 0.3 to 1 mm; 'X' – no material in fraction; 'ch' – charred; 'u' – uncharred

Phase				**3c**															
Field Number				**63**															
Context				***5553***				***5553***				**7079**				**7079**			
Sample				AA				AA				AA				AA			
Weight/Volume processed (kg/litres)				11.25/8				36/22.5				2.75/2				15/11			
Fraction size				>4	>2	>1	>0.3	>4	>2	>1	>0.5	>4	>2	>1	>0.3	>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/1	1/2	X	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
PLANT REMAINS																			
Cultivated and associated plants																			
Cereals																			
Grains																			
Triticum spelta L.	spelt wheat	caryopsis	ch	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-
Glume wheat indeterminate	glume wheat	caryopsis	ch	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triticum indeterminate	Wheat	caryopsis	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Hordeum indeterminate	Barley	caryopsis	ch	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hordeum/Triticum	barley/wheat	caryopsis	ch	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
Cerealia indeterminate	Cereal	caryopsis	ch	-	7	-	-	-	4	-	-	-	-	-	-	-	-	1	-
Chaff																			
Triticum spelta L.	spelt wheat	glume base	ch	-	-	4	-	-	-	-	-	-	-	3	-	-	-	3	-
Glume wheat glume base	glume wheat	glume base	ch	-	-	-	2	-	-	-	-	-	-	2	-	-	-	-	3
Arable weeds																			
Anthemis cotula L.	stinking chamomile	achene	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Wild plants																			
Wetland taxa																			
Montia fontana L.	blinks	seed	u	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Carex sp.	Sedge	biconvex nutlet	ch	-	-	-	-	-	-	2	1	-	-	1	-	-	-	1	2
Carex sp.	Sedge	trigonous nutlet	ch	-	-	2	-	-	-	4	3	-	-	6	2	-	-	38	5
Woodland (including scrub and hedgerow) taxa																			
cf. *Fragaria vesca* L.	wild strawberry	achene	ch	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Sambucus nigra L.	Elder	fruit	u	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Indeterminate		fruitstone / fragment	ch	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heath (including moorland and mountain) taxa																			
Calluna vulgaris (L.) Hull	heather	flower(s)	ch	-	-	-	-	-	-	-	-	-	-	2	16	-	-	8	29
Calluna vulgaris (L.) Hull	heather	shoot fragment(s)	ch	-	-	-	-	-	-	-	-	-	-	1	10	-	-	-	1
Calluna vulgaris (L.) Hull	heather	stem fragment(s)	ch	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Ruderal (wasteland and disturbed ground) taxa																			
Urtica dioica L.	common nettle	achene	u	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	1

Phase				**3c**															
Field Number				**63**															
Context				***5553***				***5553***				**7079**				**7079**			
Sample				AA				AA				AA				AA			
Weight/Volume processed (kg/litres)				11.25/8				36/22.5				2.75/2				15/11			
Fraction size				>4	>2	>1	>0.3	>4	>2	>1	>0.5	>4	>2	>1	>0.3	>4	>2	>1	>0.5
Fraction sorted				1/1	1/1	1/1	1/2	X	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Stellaria graminea L./*S. palustris* Retz.	lesser/marsh stitchwort	seed	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Galeopsis sp.	hemp-nettle	nutlet	ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Plantago	plaintains	achene	ch	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Eurytopic taxa																			
Ranunculus subg. *Ranunculus*	buttercup	achene	u	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Atriplex/ Chenopodium	orache/goosefoot	seed	u	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Rumex sp.	Dock	nutlet	ch	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
cf. *Rumex acetosella* L.	sheep's sorrel	achene	ch	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
Potentilla sp.	cinquefoils	achene	ch	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Small seeded legume		seed	ch	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	1
Poaceae >2mm	grass family	caryopsis	ch	-	3	5	-	-	-	5	-	-	-	1	-	-	-	4	-
Poaceae <2mm	grass family	caryopsis	ch	-	-	-	3	-	-	-	-	-	-	-	2	-	-	-	3
Indeterminate		seed	ch	-	-	1	-	-	-	-	5	-	-	-	7	-	-	6	1

Table 48: Charcoal identifications from selected deposits with larger concentrations present or smaller quantities from deposits of particular interest and/or with associated charred plant macrofossil assemblages. Key: 'Ph' – Phase; 'sP' – subphase; 'C' – context number; 'S' – sample designation; 'Max dim' – maximum linear dimension of charcoal fragments in mm; 'heath' – heather; 'd-p r' – diffuse-porous roundwood; 'd-p nr' – diffuse-porous non-roundwood; 'r-p r' – ring-porous roundwood; 'r-p nr' – ring-porous non-roundwood; 'ind. r' – indeterminate roundwood; 'ind. nr' – indeterminate non-roundwood; '?root' – not wood charcoal probably charred woody root; 'dist/vitr' – charcoal wood species indeterminate owing to distorted cell structures/vitrification; 'cr/small/no sec' – charcoal wood species indeterminate as fragment crumbled or provided too small a section to be identified or no clean section was obtained.

Note: Multiple entries for the same sample reflect the examination of remains from both the washover from the PRS processed subsample and the residue from the NAA processed subsample – the former is shown first in each case

Ph	sP	Field	C	S	Context type	Max dim	alder / hazel	?alder / hazel	ash	?ash	hazel	Heath	?heath	oak	?oak	d-p r	d-p nr	r-p r	r-p nr	ind. r	ind. nr	?root	dist /vitr	cr/ small/ no sec	Total
1	-	62	**2233**	AA	Burnt material within ditch 2182	23	-	1	-	-	-	48	2	-	-	1	-	-	-	-	-	-	-	6	**58**
1	a	63	**5423**	AA	Fill of possible hearth 5413	23	-	3	1	-	-	26	-	5	1	2	2	-	4	1	-	-	9	3	**57**
1	a	63	**5423**	AA	Fill of possible hearth 5413	26	-	-	2	-	-	10	-	4	6	7	-	-	2	-	-	-	3	6	**40**
1	a	63	**5607**	AA	Charcoal layer/fill of possible terrace 5608	20	2	-	-	-	1	32	-	-	-	-	-	-	1	7	7	-	-	-	**50**
1	a	63	**6926**	AA	Levelling/ spread deposit	40	-	1	-	2	2	48	-	4	-	1	2	-	-	-	-	2	2	3	**67**
1	a	63	**6926**	AB	Levelling/ spread deposit	42	1	-	-	-	2	27	-	10	2	2	-	-	-	-	-	3	10	9	**66**
1	a	63	**6927**	AA	Levelling/ spread deposit	22	-	-	-	-	-	17	-	-	-	-	3	-	-	-	-	4	2	6	**32**
1	a	63	**7169**	AA	Deposit within possible kiln 7115	25	-	-	-	-	-	20	-	5	6	1	-	-	-	-	2	1	5	10	**50**
1	a	63	**7421**	AA	Primary fill of pit/kiln 7420	35	-	-	-	-	-	45	-	1	-	-	2	-	1	-	-	2	-	5	**56**
1	a	63	**7422**	AA	Secondary fill of pit/kiln 7420	17	-	1	-	-	-	25	-	-	-	-	-	-	-	-	-	-	6	7	**39**
1	a	63	**7426**	AA	Fill of pit/kiln 7425	19	-	-	-	1	-	10	-	-	-	5	4	-	1	-	-	-	19	7	**47**
1	a	63	**7781**	AA	Concreted	25	6	3	-	-	-	-	-	-	-	-	5	-	2	-	-	-	11	18	**45**

Ph	sP	Field	C	S	Context type	Max dim	alder / hazel	?alder / hazel	ash	?ash	hazel	Heath	?heath	oak	?oak	d-p r	d-p nr	r-p r	r-p nr	ind. r	ind. nr	?root	dist /vitr	cr/ small/ no sec	Total
					layer																				
1	a	63	**7863**	AA	Primary clay fill of pit 7862	15	-	-	17	1	-	9	-	5	1	-	1	3	-	1	-	1	2	10	**51**
1	a	63	**7864**	AA	Secondary charcoal rich fill of pit 7862	21	-	-	-	-	-	11	1	-	3	2	1	-	2	-	-	6	3	25	**54**
1	a	63	**7881**	AA	Charcoal rich fill in pit 7862	31	-	1	4	-	-	-	-	-	-	-	-	-	-	1	2	3	-	1	**12**
1	a	63	**7891**	AA	Fill of gully 7892	35	-	6	-	-	-	-	-	-	4	12	4	1	-	-	-	-	-	28	**55**
1	b	63	**7022**	AA	Mottled deposit	15	-	-	-	-	-	8	-	-	-	1	1	-	-	-	-	-	1	1	**12**
1	b	63	**7608**	AA	Dark sandy layer	17	2	-	5	-	-	32	-	1	-	2	-	1	1	2	-	4	1	6	**57**
1	b	63	**7640**	AA	Charcoal rich layer	33	-	-	12	8	-	-	-	-	-	-	3	-	13	-	-	-	-	23	**59**
1	b	63	**7860**	AA	Charcoal rich layer	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	**1**
1	b	63	**7860**	AA	Charcoal rich layer	23	-	5	-	-	3	23	-	1	-	-	4	-	2	-	-	3	3	9	**53**
1	c	63	**5389**	AA	Fill of flue 5388	6	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	**2**
1	c	63	**5596**	AA	Spread	23	-	-	2	-	-	24	-	-	-	-	-	-	-	-	-	10	9	9	**54**
1	c	63	**6924**	AA	Levelling/ spread deposit	22	2	-	-	-	4	23	3	1	-	3	-	-	-	2	-	1	4	7	**50**
1	c	63	**7302**	AA	Fill of grave 7301	20	1	5	-	1	-	4	1	-	-	3	6	-	-	1	-	2	14	8	**46**
1	d	63	**5246**	AA	Upper fill of beam slot cut 5248	20	4	-	-	-	5	-	-	-	-	2	4	-	-	-	-	-	-	10	**25**
1	d	63	**5255**	AA	Fill of pit 5252	23	-	-	-	2	1	6	-	-	-	-	-	-	-	3	-	23	7	8	**50**
1	d	63	**5255**	AA	Fill of pit 5252	35	-	-	-	-	-	8	6	-	-	-	-	-	-	-	-	30	1	6	**51**
1	d	63	**6870**	AA	Fill of pit 6872	20	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	7	**10**
3	-	63	**7367**	AA	Fill of pit 7366	8	-	2	-	-	-	-	-	1	-	-	1	-	-	-	-	-	1	4	**9**
3	-	63	**7377**	AA	Charcoal fill of pit 7448	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	**1**
3	-	63	**7449**	AA	Fill of pit 7448	14	-	-	-	-	2	-	-	-	-	-	4	-	-	-	-	1	1	-	**8**

Ph	sP	Field	C	S	Context type	Max dim	alder / hazel	?alder / hazel	ash	?ash	hazel	Heath	?heath	oak	?oak	d-p r	d-p nr	r-p r	r-p nr	ind. r	ind. nr	?root	dist /vitr	cr/ small/ no sec	Total
3	-	63/ 64 RR	**9051**	AA	Secondary fill of ditch 9050 at section 2017	15	-	-	-	-	-	-	-	-	-	-	4	-	1	-	-	1	1	1	**8**
						Total	**18**	**28**	**43**	**15**	**20**	**459**	**14**	**38**	**23**	**44**	**51**	**5**	**30**	**18**	**11**	**97**	**116**	**245**	**1275**

Table 49: Supplementary notes for the charcoal assemblages detailed in Table 48 (above)

Phase	Sub phase	Field	Context	Sample	Context type	Notes
1	-	62	2233	AA	Burnt material within ditch 2182	three fragments of heather roundwood of less than 15 years growth but predominantly heather non-roundwood of indeterminate age or older roundwood
1	a	63	5423	AA	Fill of possible hearth 5413	18 fragments of heather roundwood of less than 20 years growth
1	a	63	5423	AA	Fill of possible hearth 5413	nine fragments of heather roundwood of less than 10 years growth
1	a	63	5607	AA	Charcoal layer/fill of possible terrace 5608	predominantly heather roundwood of less than 10 years growth
1	a	63	6926	AA	Levelling/spread deposit	predominantly heather roundwood mostly of less than 20 years growth
1	a	63	6926	AB	Levelling/spread deposit	predominantly heather roundwood mostly of less than 20 years growth
1	a	63	6927	AA	Levelling/spread deposit	predominantly heather roundwood of less than 10 years growth
1	a	63	7169	AA	Deposit within possible kiln 7115	predominantly heather non-roundwood of indeterminate age
1	a	63	7421	AA	Primary fill of pit/kiln 7420	almost all well preserved heather roundwood mostly of less than 20 years growth
1	a	63	7422	AA	Secondary fill of pit/kiln 7420	predominantly heather roundwood mostly of less then 20 years growth
1	a	63	7426	AA	Fill of pit/kiln 7425	ten fragments of heather roundwood mostly of less than 10 years growth
1	a	63	7781	AA	Concreted layer	charcoal very fragile and largely unidentifiable
1	a	63	7863	AA	Primary clay fill of pit 7862	includes heather roundwood of less than 10 years growth
1	a	63	7864	AA	Secondary charcoal rich fill of pit 7862	11 fragments of heather roundwood mostly of less than 10 years growth
1	a	63	7881	AA	Charcoal rich fill in pit 7862	several 'slivers' of charcoal all those identifiable being of ash
1	a	63	7891	AA	Fill of gully 7892	charcoal very soft and crumbly
1	b	63	7022	AA	Mottled deposit	eight fragments of heather roundwood of less than 10 years growth
1	b	63	7608	AA	Dark sandy layer	predominantly heather roundwood mostly of less than 10 years growth
1	b	63	7640	AA	Charcoal rich layer	predominantly ash non-roundwood of indeterminate age or

Phase	Sub phase	Field	Context	Sample	Context type	Notes
						roundwood of over 30 years of growth
1	b	63	7860	AA	Charcoal rich layer	one fragment only
1	b	63	7860	AA	Charcoal rich layer	ten fragments of heather roundwood of less than 10 years growth
1	c	63	5389	AA	Fill of flue 5388	only two fragments
1	c	63	5596	AA	Spread	predominantly heather roundwood mostly of less than 10 years growth
1	c	63	6924	AA	Levelling/spread deposit	predominantly heather roundwood mostly of less than 10 years growth
1	c	63	7302	AA	Fill of grave 7301	-
1	d	63	5246	AA	Upper fill of beam slot cut 5248	rather severe mineral impregnation
1	d	63	5255	AA	Fill of pit 5252	predominantly charred ?root
1	d	63	5255	AA	Fill of pit 5252	predominantly charred ?root
1	d	63	6870	AA	Fill of pit 6872	three fragments of heather roundwood of less than 10 years growth
3	-	63	7367	AA	Fill of pit 7366	only nine fragments
3	-	63	7377	AA	Charcoal fill of pit 7448	only one fragment
3	-	63	7449	AA	Fill of pit 7448	only eight fragments
3	-	63/6RR	9051	AA	Secondary fill of ditch 9050 at section 2017	only eight fragments

Table 50: Complete list of plant taxa identified from samples examined primarily for waterlogged remains, presented in phase, field and context order. Nomenclature and taxonomic order follow Tutin et al. *(1964-80) for vascular plants and Smith (1978) for mosses. Numbers are the scores for abundance on a four-point semi-quantitative scale. Material was preserved by anoxic waterlogging unless otherwise indicated. Tentative identifications of taxa securely identified from another sample are shown as ?1, etc. An asterisk, *, indicates material including sprouting grains.*

Note: sea/scentless mayweed, *Matricaria maritime* L./*M. perforata* Mérat following Tutin *et al.* (1964-80), is recorded as *Tripleurospermum maritimum* (L.) W.D.J. Koch/*T. inodorum* (L.) Sch. Bip. in earlier tables which follow Stace (1997). Similarly grasses, herein Gramineae, are recorded as Poaceae in tables following Stace (1997)

	Phase	1															2		3		?
	Subphase	ii							-			a				b	-		ii		-
	Field	61a							62			63				63	61a		61a		62
Name	**Parts recorded**	**8158**	**8225**	**8296**	**8324**	**8331**	**8335**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**7521**	**8029**	**8178**	**8094**	**8095**	**2412**
Pteridium aquilinum (L.) Kuhn (bracken)	pinnule fragment(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	stalk fragment(s)	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-	1	-	-	-	-
Salix sp(p). (willow)	bud(s)	1	-	-	-	-	-	1	2	2	-	-	-	1	1	-	-	1	-	-	-
	twig fragment(s)	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Salix/Populus sp(p). (willow/poplar/aspen)	charcoal fragment(s)	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Populus sp(p). (poplar/aspen)	bud(s) and/or bud-scale(s)	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Betula sp(p). (birch)	fruit(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Alnus glutinosa (L.) Gaertner (alder)	wood fragment(s)	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-
	fruit(s)	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	male catkin fragment(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	twig fragment(s)	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
Corylus avellana L. (hazel)	charcoal fragment(s)	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	charred nut(s) and/or nutshell fragment(s)	-	1	-	1	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
	nut(s) and/or nutshell fragment(s)	-	1	1	2	-	1	1	-	-	-	-	-	-	2	-	1	-	-	-	-
	charred roundwood fragment(s)	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quercus sp(p). (oak)	bud(s) and/or bud-scale(s)	-	1	-	-	-	1	-	-	-	-	1	-	1	1	-	1	-	-	-	-
	charcoal fragment(s)	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ficus carica L. (fig)	seed(s)	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-
Urtica dioica L. (stinging nettle)	achene(s)	3	1	3	2	1	2	2	2	3	-	2	1	1	2	-	3	3	3	3	-
U. urens L. (annual nettle)	achene(s)	1	1	2	-	-	-	1	-	-	-	-	-	-	1	-	1	2	-	2	-
Polygonum aviculare agg. (knotgrass)	charred fruit(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	fruit(s)	1	1	1	-	1	-	1	-	-	1	1	1	-	1	-	1	1	-	1	-
P. persicaria L.	fruit(s)	1	-	1	-	-	-	-	2	2	-	-	1	-	-	-	-	1	-	1	-

	Phase	1															2		3		?
	Subphase	ii							-			a				b	-		ii		-
	Field	61a							62			63				63	61a		61a		62
Name	**Parts recorded**	**8158**	**8225**	**8296**	**8324**	**8331**	**8335**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**7521**	**8029**	**8178**	**8094**	**8095**	**2412**
(persicaria/red shank)																					
P. lapathifolium L. (pale persicaria)	fruit(s)	-	-	1	-	-	-	1	1	2	-	1	1	-	1	-	1	-	1	-	-
Bilderdykia convolvulus (L.) Dumort. (black bindweed)	fruit fragment(s)	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Rumex acetosella agg. (sheep's sorrel)	charred fruit(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-
	fruit(s)	-	1	1	1	1	2	-	-	1	-	1	1	-	2	1	1	1	1	1	-
R. conglomeratus Murray (sharp dock)	fruit(s)	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	?1	-
R. sanguineus L. (red-veined dock)	fruit(s)	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Rumex sp(p). (docks)	charred fruit(s)	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
	flowering stem fragment(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-
	fruit(s)	-	1	3	-	1	1	-	1	-	-	2	1	-	-	-	2	-	-	2	-
	fruits with some perianths/segments	1	-	-	-	-	-	2	-	2	1	-	-	1	3	-	-	2	3	1	-
	perianth(s)/perianth segment(s)	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-
Chenopodium Section *Pseudoblitum* (red goosefoot etc.)	seed(s)	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	2	1	1	-
C. ficifolium Sm. (fig-leaved goosefoot)	seed(s)	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-
C. album L. (fat hen)	charred seed(s)	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	seed(s)	1	1	2	-	-	1	1	-	-	1	2	1	1	1	-	1	1	2	1	-
Atriplex sp(p). (oraches)	charred seed(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	seed(s)	1	1	1	1	1	-	1	1	1	-	2	1	1	1	-	1	1	1	1	-
Montia fontana ssp. *chondrosperma* (Fenzl) Walters (blinks)	charred seed(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-
	seed(s)	-	1	-	1	-	-	1	-	-	-	-	2	-	-	-	-	1	-	-	-
Stellaria media (L.) Vill. (chickweed)	seed(s)	1	-	-	1	-	1	1	1	2	1	1	1	-	2	-	1	3	1	2	-
S. neglecta Weihe in Bluff & Fingerh. (greater chickweed)	seed(s)	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-
S. palustris Retz./*graminea* L.	seed(s)	1	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-

	Phase	1															2		3		?
	Subphase	ii							-			a				b	-		ii		-
	Field	61a							62			63				63	61a		61a		62
Name	**Parts recorded**	**8158**	**8225**	**8296**	**8324**	**8331**	**8335**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**7521**	**8029**	**8178**	**8094**	**8095**	**2412**
(marsh/lesser stitchwort)																					
Stellaria sp(p). (stitchworts/chickweeds)	seed(s)	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	-
Cerastium sp(p). (mouse-ear chickweeds)	seed(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-	-
Sagina sp(p). (pearlworts)	seed(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Scleranthus annuus L. (annual knawel)	fruit(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Lychnis flos-cuculi L. (ragged robin)	seed(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Agrostemma githago L. (corncockle)	charred seed(s)	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	seed fragment(s)	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	seed(s)	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	-
Silene vulgaris (Moench) Garcke/*S. alba* (Miller) Krause in Sturm (bladder/white campion)	seed(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
S. alba (Miller) Krause in Sturm (white campion)	seed(s)	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Ranunculus Section *Ranunculus* (meadow/creeping/bulbous buttercup)	achene(s)	1	1	2	2	2	2	2	-	1	2	1	2	2	2	-	3	2	1	1	1
	charred achene(s)	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-
R. sceleratus L. (celery-leaved crowfoot)	achene(s)	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	2	2	1	1
R. flammula L. (lesser spearwort)	achene(s)	2	-	-	-	-	-	2	1	2	-	1	1	1	1	-	1	1	1	1	-
R. lingua L. (greater spearwort)	achene(s)	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
R. Subgenus *Batrachium* (water crowfoots)	achene(s)	-	-	-	-	-	-	1	2	2	-	-	-	1	-	-	-	-	-	-	-
Thalictrum flavum L. (common meadow rue)	achene(s)	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	1

	Phase	1															2		3		?
	Subphase	ii							-			a				b	-		ii		-
	Field	61a							62			63				63	61a		61a		62
Name	**Parts recorded**	**8158**	**8225**	**8296**	**8324**	**8331**	**8335**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**7521**	**8029**	**8178**	**8094**	**8095**	**2412**
Papaver rhoeas L. (field poppy)	seed(s)	-	?1	?1	?1	?2	?1	-	-	-	?1	?1	-	-	1	?1	-	-	-	-	-
P. argemone L. (long prickly-headed poppy)	seed(s)	1	2	1	-	3	2	-	-	-	-	1	1	-	3	?1	-	1	1	1	-
Papaver sp(p). (poppies) [probably *P. argemone*]	capsule lids (including fragmentary)	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-
Fumaria sp(p). (fumitories)	seed(s)	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	1	1	-
Barbarea sp(p). (yellow rockets)	charred seed(s)	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rorippa palustris (L.) Besser (marsh yellow-cress)	seed(s)	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Nasturtium officinale R. Br. in Aiton (watercress)	seed(s)	-	-	-	-	-	-	-	1	1	1	1	1	2	1	-	-	1	-	-	-
cf. *Cardamine* sp(p). (bittercress, etc.)	seed(s)	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Capsella bursa-pastoris (L.) Medicus (shepherd's purse)	seed(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Thlaspi arvense L. (field penny-cress)	seed(s)	1	1	1	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	1	-
Coronopus squamatus (Forskål) Ascherson (swine-cress)	fruit(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Raphanus raphanistrum L. (wild radish)	pod segments and/or fragment(s)	1	1	1	1	1	1	-	-	-	-	2	1	-	2	-	1	-	-	1	-
	seed(s)	-	-	-	-	-	-	-	-	-	-	1	?1	1	1	-	-	-	-	-	-
Filipendula ulmaria (L.) Maxim. (meadowsweet)	achene(s)	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Rubus idaeus L. (raspberry)	seed(s)	1	-	1	-	-	-	2	-	1	-	1	1	-	-	-	1	1	1	1	2
R. fruticosus agg. (blackberry/bramble)	seed(s)	1	1	1	-	-	-	1	1	1	-	1	1	-	1	-	1	1	1	1	1
Rubus/Rosa sp(p). (blackberry, etc./rose)	prickle(s)	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Rosa sp(p). (roses)	prickle(s)	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-

	Phase	1															2		3		?
	Subphase	ii							-			a				b	-		ii		-
	Field	61a							62			63				63	61a		61a		62
Name	**Parts recorded**	**8158**	**8225**	**8296**	**8324**	**8331**	**8335**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**7521**	**8029**	**8178**	**8094**	**8095**	**2412**
Potentilla palustris (L.) Scop. (marsh cinquefoil)	achene(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
P. anserina L. (silverweed)	achene(s)	-	1	-	1	-	-	2	-	1	1	2	1	-	1	-	-	-	1	-	-
P. cf. *erecta* (L.) Räuschel (?tormentil)	achene(s)	2	1	-	-	1	-	-	-	-	1	1	1	-	1	-	-	1	-	1	-
P. cf. *reptans* L. (?creeping cinquefoil)	achene(s)	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Potentilla sp(p). (cinquefoils, etc.)	achene(s)	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Aphanes arvensis L. (parsley-piert)	achene(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
A. microcarpa (Boiss. & Reuter) Rothm. (slender parsley-piert)	achene(s)	-	-	-	-	-	1	1	-	-	1	-	-	-	1	-	1	-	-	-	-
Prunus domestica ssp. *insititia* (L.) C. K. Schneider (plums, etc.)	fruitstone(s)	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Leguminosae (pea family)	calyx/calyces	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	charred seed(s)	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	flower(s) and/or petal(s)	-	-	-	-	-	-	-	1	-	-	-	1	-	2	-	-	-	-	-	-
Linum catharticum L. (purging flax)	seed(s)	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Hypericum sp(p). (St John's worts)	seed(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
Viola sp(p). (violets/pansies, etc.)	capsule segment(s)	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-	-	-
	seed(s)	1	-	-	-	-	1	1	1	1	1	1	1	-	1	-	-	-	1	1	1
Epilobium sp(p). (willow-herbs, etc.)	seed(s)	-	-	-	-	-	-	-	1	2	-	-	-	-	1	-	-	-	-	-	-
Hippuris vulgaris L. (mare's-tail)	seed(s)	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	1	-	-
Hydrocotyle vulgaris L. (marsh pennywort)	mericarp(s)	1	-	1	-	-	1	-	-	1	-	1	1	-	-	-	-	-	1	1	-
Chaerophyllum temulentum L. (rough chervil)	mericarp(s)	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-
Anthriscus caucalis	mericarp(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-

	Phase	1															2		3		?
	Subphase	ii							-			a				b	-		ii		-
	Field	61a							62			63				63	61a		61a		62
Name	**Parts recorded**	**8158**	**8225**	**8296**	**8324**	**8331**	**8335**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**7521**	**8029**	**8178**	**8094**	**8095**	**2412**
Bieb. (bur chervil)																					
Berula erecta (Hudson) Coville (narrow-leaved water-parsnip)	mericarp(s)	1	-	1	-	-	-	1	2	1	-	-	-	2	-	-	1	1	2	1	-
Oenanthe lachenalii C. G. Gmelin (parsley water-dropwort)	mericarp(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	-
Aethusa cynapium L. (fool's parsley)	mericarp(s)	1	1	1	-	1	1	-	-	-	-	1	-	-	1	-	1	1	1	1	-
Conium maculatum L. (hemlock)	mericarp(s)	-	-	-	-	1	1	-	-	-	-	-	-	-	-	1	-	-	2	2	-
Apium graveolens L. (wild celery)	mericarp(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
A. nodiflorum (L.) Lag. (fool's watercress)	mericarp(s)	-	-	-	-	-	-	-	1	1	1	-	-	3	1	-	-	-	2	1	-
Torilis japonica (Houtt.) DC. (upright hedge-parsley)	mericarp(s)	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-
Daucus carota L. (wild carrot)	mericarp(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Calluna vulgaris (L.) Hull (heather, ling)	bud(s)	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	capsule(s)	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	charred bud(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	charred flower(s)	-	1	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	charred leaf/leaves	-	1	-	-	-	-	1	-	-	-	2	1	-	-	-	-	-	-	-	-
	charred root and/or basal twig fragment(s)	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
	charred shoot fragment(s)	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	charred shoot tip(s)	1	1	-	-	1	1	-	-	-	-	1	2	-	1	1	1	-	-	-	-
	charred twig fragment(s)	1	1	1	1	-	1	1	-	-	-	3	1	-	1	1	1	-	1	-	-
	flower(s)	1	1	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-
	leaf/leaves	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
	root and/or basal twig fragment(s)	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
	seed(s)	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Phase	1															2		3		?
	Subphase	ii							-			a				b	-		ii		-
	Field	61a							62			63				63	61a		61a		62
Name	**Parts recorded**	**8158**	**8225**	**8296**	**8324**	**8331**	**8335**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**7521**	**8029**	**8178**	**8094**	**8095**	**2412**
	shoot tip(s)	1	1	-	-	-	-	1	-	-	-	-	1	-	1	-	1	-	-	-	-
	twig fragment(s)	1	1	-	1	-	-	1	-	-	-	2	1	1	1	-	1	1	-	-	-
cf. *C. vulgaris*	charred root and/or basal twig fragment(s)	1	2	3	2	-	2	1	-	-	1	-	2	-	1	1	2	-	2	1	-
	root and/or basal twig fragment(s)	2	1	-	2	2	-	1	-	-	-	-	1	-	1	-	1	1	-	-	-
Primulaceae (primrose family)	seed(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Fraxinus excelsior L. (ash)	charcoal fragment(s)	1	1	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	wood chips	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	fruit fragment(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	seed fragment(s)	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	wood fragment(s)	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Menyanthes trifoliata L. (bogbean)	seed(s)	1	-	1	1	-	1	1	1	2	1	1	1	2	1	-	1	1	3	2	1
Galium aparine L. (goosegrass, cleavers)	charred fruit(s)	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Galium sp(p). (bedstraws, etc.)	fruit(s)	-	-	-	-	-	-	-	1	1	-	-	-	1	1	-	1	-	1	-	-
Myosotis sp(p). (forget-me-nots)	nutlet(s)	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-	-	-	-
Callitriche sp(p). (water-starworts)	fruit(s)	-	-	-	-	-	-	-	2	3	1	-	-	-	-	-	-	-	-	-	-
Ajuga reptans L. (bugle)	nutlet(s)	1	-	-	-	-	-	1	-	-	-	-	1	-	-	-	1	-	1	-	-
Marrubium vulgare L. (white horehound)	nutlet(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-
Galeopsis Subgenus *Galeopsis* (hemp-nettles)	nutlet(s)	1	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	-	1	-
Galeopsis sp(p). (hemp-nettles)	nutlet(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	1	-
Lamium Section *Lamiopsis* (annual dead-nettles)	nutlet(s)	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-
Stachys sp(p). (woundworts)	nutlet(s)	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-	-	-	1	1	-

	Phase	1															2		3		?
	Subphase	ii							-			a				b	-		ii		-
	Field	61a							62			63				63	61a		61a		62
Name	**Parts recorded**	**8158**	**8225**	**8296**	**8324**	**8331**	**8335**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**7521**	**8029**	**8178**	**8094**	**8095**	**2412**
Nepeta cataria L. (catmint)	charred nutlet(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	nutlet(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-
cf. *Glechoma hederacea* L. (?ground-ivy)	nutlet(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Prunella vulgaris L. (selfheal)	nutlet(s)	-	1	-	-	-	-	-	1	-	-	1	1	-	2	-	-	1	-	1	-
Lycopus europaeus L. (gipsywort)	nutlet(s)	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
Mentha sp(p). (mints)	nutlet(s)	-	-	-	-	-	-	1	1	-	-	1	1	1	-	-	-	-	2	1	1
cf. *Mentha* sp(p). (?mints)	charred nutlet(s)	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atropa bella-donna L. (deadly nightshade)	seed(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Hyoscyamus niger L. (henbane)	seed(s)	1	1	1	1	1	1	1	-	-	-	-	-	1	1	1	1	1	1	3	-
Solanum nigrum L. (black nightshade)	seed(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-
S. dulcamara L. (woody nightshade)	seed(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Veronica beccabunga-type (brooklime/water/marsh speedwells)	seed(s)	-	-	2	-	1	-	-	1	2	1	-	-	2	1	1	-	1	-	-	-
Veronica sp(p). (speedwells, etc.)	seed(s)	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Euphrasia/Odontites sp(p). (eyebright/bartsia)	seed(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-	-	-
Pedicularis palustris L. (marsh lousewort)	seed(s)	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	1	-	-
Rhinanthus sp(p). (yellow rattles)	seed(s)	-	-	1	-	1	-	1	1	-	-	-	-	-	2	-	-	1	-	-	-
Plantago major L. (greater plantain)	seed(s)	-	1	-	-	-	-	-	-	-	1	2	1	1	1	1	1	-	-	1	-
P. media L. (hoary plantain)	charred seed(s)	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-
Sambucus cf. *ebulus* L. (?danewort)	seed(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
S. nigra L. (elder)	seed(s)	1	1	1	-	-	1	1	1	1	-	1	1	-	1	-	1	2	1	1	1
Valerianella dentata (L.)	fruit(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-

	Phase	1															2		3		?
	Subphase	ii							-			a				b	-		ii		-
	Field	61a							62			63				63	61a		61a		62
Name	**Parts recorded**	**8158**	**8225**	**8296**	**8324**	**8331**	**8335**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**7521**	**8029**	**8178**	**8094**	**8095**	**2412**
Pollich (narrow-fruited cornsalad)																					
Valerianella sp(p). (cornsalads)	sterile cell(s) from fruit(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-
Scabiosa columbaria L. (small scabious)	fruit(s)	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Campanula cf. *rotundifolia* L. (?harebell, bluebell)	seed(s)	-	1	-	-	1	1	-	-	-	-	1	-	-	-	1	-	-	-	-	-
Compositae (daisy family)	achene(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Eupatorium cannabinum L. (hemp agrimony)	achene(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Bidens sp(p). (bur-marigolds)	achene(s)	1	-	-	-	-	-	-	1	1	-	2	1	3	1	-	-	1	1	-	-
Anthemis cotula L. (stinking mayweed)	achene(s)	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-
	charred achene(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Matricaria maritime L./*M. perforata* Mérat (sea/scentless mayweed)	achene(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	charred achene(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Senecio sp(p). (groundsels/ragworts, etc.)	achene(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Arctium sp(p). (burdocks)	achene(s)	-	-	-	1	-	1	1	-	-	-	-	-	1	1	-	-	1	-	1	-
Carduus/Cirsium sp(p). (thistles)	achene(s)	1	-	-	1	-	-	1	1	1	-	-	1	-	1	-	1	1	1	1	-
Hypochoeris sp(p). (cat's ears)	achene(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Leontodon taraxacoides (Vill.) Mérat (hairy hawkbit)	achene(s)	-	-	-	1	-	-	-	-	-	-	-	1	-	1	-	-	1	-	-	-
Leontodon sp(p). (hawkbits)	achene(s)	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	1	-	-	-
Sonchus asper (L.) Hill (prickly sow-thistle)	achene(s)	1	-	1	-	-	-	-	2	2	1	1	1	1	1	-	-	1	-	1	-
S. oleraceus L. (sow-	achene(s)	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-

	Phase	1															2		3		?
	Subphase	ii							-			a				b	-		ii		-
	Field	61a							62			63				63	61a		61a		62
Name	**Parts recorded**	**8158**	**8225**	**8296**	**8324**	**8331**	**8335**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**7521**	**8029**	**8178**	**8094**	**8095**	**2412**
thistle)																					
S. arvensis L. (corn sow-thistle)	achene(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	?1	-
Sonchus sp(p). (sow-thistles)	achene(s)	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Lapsana communis L. (nipplewort)	achene(s)	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-
cf. *Sagittaria sagittifolia* L. (?arrow-head)	carpel(s)	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Alisma sp(p). (water-plantains)	carpel(s) and/or seed(s)	1	1	-	-	-	1	1	2	2	1	1	2	1	1	1	-	-	1	1	2
Triglochin maritima L. (sea arrowgrass)	carpel(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Potamogeton sp(p). (pondweeds)	pyrene(s)	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	1	-	-	-	1
Zannichellia sp(p). (horned pondweed)	fruit(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
Iris pseudacorus L. (yellow flag)	seed(s)	-	-	-	-	-	-	1	1	1	-	-	-	1	1	-	-	1	1	-	-
Juncus inflexus L./*J. effuses* L./*J. conglomeratus* L. (hard/soft/compact rush)	seed(s)	-	1	-	-	1	-	1	-	-	-	1	-	-	-	3	1	-	-	-	2
J. cf. *gerardi* Loisel. (?mud rush)	seed(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
J. bufonius L. (toad rush)	seed(s)	1	2	2	2	2	1	2	2	-	2	2	2	-	2	-	2	1	1	1	-
J. cf. *articulatus* L. (?jointed rush)	seed(s)	-	-	-	-	1	-	1	-	-	-	1	-	-	2	-	1	-	-	-	-
Juncus sp(p). (rushes)	seed(s)	1	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	2
Luzula sp(p). (woodrushes)	seed(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Gramineae (grasses)	charred caryopsis/es	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	waterlogged caryopsis/es	-	2	2	2	1	1	2	1	1	2	2	2	-	1	1	1	1	1	1	1
Gramineae/Cerealia (grasses/cereals)	charred caryopsis/es	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
	charred culm	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-

	Phase	1															2		3		?
	Subphase	ii							-			a				b	-		ii		-
	Field	61a							62			63				63	61a		61a		62
Name	**Parts recorded**	**8158**	**8225**	**8296**	**8324**	**8331**	**8335**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**7521**	**8029**	**8178**	**8094**	**8095**	**2412**
	base(s)																				
	waterlogged culm fragment(s)	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
Cerealia indet. (cereals)	charred awn(s)/awn fragment(s)	-	-	-	-	-	-	-	-	-	-	2	1	-	1	-	-	-	-	-	-
	charred coleoptile(s)	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-
	waterlogged culm base(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	waterlogged culm node(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Glyceria sp(p). (sweet-grasses)	caryopsis/es	-	1	1	-	-	-	1	-	-	?1	1	2	-	1	-	2	1	-	-	-
Bromus sp(p). (bromes, etc.)	charred caryopsis/es	-	1	-	1	-	1	?1	-	?1	-	3	2	1	3	-	-	1	-	-	-
	waterlogged caryopsis/es	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Triticum cf. *dicoccon* Schrank (?emmer)	charred spikelet fork(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-
T. spelta L. (spelt wheat)	charred glume(s)/glume fragment(s)	-	-	1	1	-	-	-	-	-	-	4	2	-	-	-	-	-	-	-	-
	charred glume-base(s)	-	1	-	-	-	-	1	-	-	-	3	-	-	3	-	-	1	1	1	-
	charred rachis fragment(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	charred spikelet fork(s)	-	-	?1	-	-	-	-	-	-	-	3	1	-	1	-	-	-	-	-	-
	charred spikelet(s)/spikelet fragment(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	part-charred spikelet fork(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	waterlogged glume-base(s)	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	waterlogged spikelet fork(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	?1	-	-	-	-	-	-
T. cf. *spelta* L. (?spelt wheat)	charred caryopsis/es	-	1*	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-
T. cf. *aestivo-compactum*	charred	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-

	Phase	1															2		3		?
	Subphase	ii							-			a				b	-		ii		-
	Field	61a							62			63				63	61a		61a		62
Name	**Parts recorded**	**8158**	**8225**	**8296**	**8324**	**8331**	**8335**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**7521**	**8029**	**8178**	**8094**	**8095**	**2412**
(?bread/club wheat)	caryopsis/es																				
Triticum sp(p). (wheats)	charred caryopsis/es	-	-	1*	1	-	1	-	-	-	-	-	1*	-	1*	1	1	1	1	1	-
	charred rachis fragment(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
	waterlogged caryopsis/es	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	waterlogged glume-base(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-	-	-
Triticum/Secale (wheat/rye)	waterlogged periderm ('bran') fragment(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	1	-
cf. *Secale cereale* L. (?rye)	charred caryopsis/es	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-
Hordeum sp(p). (barley)	charred caryopsis/es	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	1	1	1	-	-
	charred rachis fragment(s)	-	1	1	-	-	-	-	-	-	-	1	1	-	1	-	-	1	1	1	-
	charred spikelet(s)/spikelet fragment(s)	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Avena cf. *sativa* L. (?cultivated oat)	charred spikelet(s)/spikelet fragment(s)	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Avena sp(p). (oats)	charred caryopsis/es	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
Agrostis sp(p). (bent grasses, etc.)	waterlogged caryopsis/es	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-
Alopecurus sp(p). (foxtails)	waterlogged caryopsis/es	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Danthonia decumbens (L.) DC. in Lam. & DC. (heath grass)	caryopsis/es	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Lemna sp(p). (duckweeds)	seed(s)	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Sparganium sp(p). (bur-reeds)	fruit(s)	1	-	1	-	-	-	1	1	1	-	1	1	1	-	-	1	1	1	1	-
Scirpus setaceus L. (bristle club-rush)	nutlet(s)	-	-	-	-	-	-	1	-	-	1	1	2	-	-	-	-	-	-	-	-
Eleocharis palustris sl (common spike-rush)	nutlet(s)	1	1	1	1	-	-	2	2	2	1	2	1	-	1	-	1	1	1	1	1

	Phase	1															2		3		?
	Subphase	ii							-			a				b	-		ii		-
	Field	61a							62			63				63	61a		61a		62
Name	**Parts recorded**	**8158**	**8225**	**8296**	**8324**	**8331**	**8335**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**7521**	**8029**	**8178**	**8094**	**8095**	**2412**
Carex cf. *paniculata* L. (tussock sedge)	nutlet(s)	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	2	1	-
Carex sp(p). (sedges)	charred nutlet(s)	-	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	nutlet(s)	1	1	1	1	2	1	2	1	1	1	1	1	1	2	-	1	1	1	1	1
Sphagnum sp(p).	leaf/leaves	1	2	2	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
	leaf/leaves and shoot fragment(s)	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polytrichum/Pogonatum sp(p).	shoot fragment(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Dicranum sp(p).	leaf/leaves and/or shoot fragment(s)	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Neckera complanata (Hedw.) Hüb.	leaf/leaves and/or shoot fragment(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Thuidium cf. *tamariscinum* (Hedw.) Br. Eur.	leaf/leaves and/or shoot fragment(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Cratoneuron filicinum (Hedw.) Spruce	leaf/leaves and/or shoot fragment(s)	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	-	-	-
C. commutatum (Hedw.) Roth	leaf/leaves and/or shoot fragment(s)	1	-	-	-	-	-	-	?1	1	-	-	-	-	-	-	-	-	-	-	-
cf. *Campylium* sp(p).	leaf/leaves and/or shoot fragment(s)	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Amblystegium sp(p).	leaf/leaves and/or shoot fragment(s)	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Drepanocladus sp(p).	leaf/leaves and/or shoot fragment(s)	1	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
Calliergon cf. *giganteum* (Schimp.) Kindb.	leaf/leaves and/or shoot fragment(s)	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
C. cuspidatum (Hedw.) Kindb.	leaf/leaves and/or shoot fragment(s)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Calliergon sp(p).	leaf/leaves	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-

	Phase	1														2		3		?
	Subphase	ii							-			a			b	-		ii		-
	Field	61a							62			63			63	61a		61a		62
Name	**Parts recorded**	**8158**	**8225**	**8296**	**8324**	**8331**	**8335**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**7521**	**8029**	**8178**	**8094**	**8095**	**2412**
	and/or shoot fragment(s)																				
Eurhynchium praelongum (Hedw.) Br. Eur.	leaf/leaves and/or shoot fragment(s)	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	?1	
Eurhynchium sp(p).	leaf/leaves and/or shoot fragment(s)	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	1	-
Hypnum cf. *cupressiforme* Hedw.	leaf/leaves and/or shoot fragment(s)	1	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
Rhytidiadelphus cf. *triquetrus* (Hedw.) Warnst.	leaf/leaves and/or shoot fragment(s)	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hylocomium splendens (Hedw.) Br. Eur.	leaf/leaves and/or shoot fragment(s)	1	-	-	1	-	-	1	1	-	-	1	1	1	1	-	1	1	-	1	-
Characeae	oogonium/ia	-	-	-	-	-	1	1	2	1	-	-	-	-	-	1	1	-	-	-	-
Cenococcum	charred sclerotia	1	1	1	1	-	-	1	-	-	-	-	1	1	-	2	1	-	1	-	-
	sclerotia	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-

Table 51: Additional plant, animal and mineral materials recorded from the samples examined primarily for waterlogged plant remains, presented in phase, field and context order. Key: caps – capsules; ch – charred; fgts – fragments

Phase	**1**																**2**		**3**	**3**	**?**
Subphase	**ii**							**-**			**a**				**b**		**-**		**ii**		**-**
Field	**61a**							**62**			**63**				**63**		**61a**		**61a**		**62**
Parts recorded	**8158**	**8225**	**8296**	**8324**	**8331**	**8335**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**7521**		**8029**	**8178**	**8094**	**8095**	**2412**
Plant materials																					
burnt peat fgts	-	2	2	2	-	1	1	-	-	-	?1	-	-	-	1		1	1	1	?1	-
peat fgts	2	-	3	2	4	-	1	-	-	-	-	?1	-	-	2		-	-	1	1	-
?peat ash	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3		-	-	-	-	-
ash concretions	-	-	1	1	-	-	-	-	-	-	-	-	-	1	-		-	-	-	-	-
bark fgts	1	1	1	1	-	1	-	-	-	1	1	-	-	1	-		1	-	1	-	2
bark fgts (ch)	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-		-	-	-	-	-
Buds	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-		-	-	-	-	-
Charcoal	1	2	1	2	-	2	1	-	-	1	1	1	-	1	1		1	-	1	1	-
charred herbaceous detritus	-	1	1	-	1	-	-	1	1	1	-	-	-	1	-		-	-	-	-	-
charred organic material	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-		1	1	-	-	-
dicot (probably tree) leaf fgts	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-		-	-	-	-	-
fine plant detritus	2	-	-	-	-	-	2	2	-	-	-	-	2	3	-		2	-	2	-	3
fine wood fgts	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
herbaceous detritus	-	-	-	-	-	-	-	-	2	-	-	1	2	3	-		2	-	-	-	-
leaf abcission pads	-	1	-	-	-	-	1	-	-	-	1	-	-	1	-		1	-	1	-	-
?legume leaf tendrils	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-		-	-	-	-	-
Moss	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-		-	-	-	-	-
moss (ch stem fgts)	-	1	-	-	-	2	-	-	-	1	1	-	-	-	1		1	1	-	-	-
moss (leafless stems)	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-		-	-	-	-	-
?pteridophyte root fgts	-	-	-	-	-	-	2	-	2	-	-	-	-	1	-		-	-	-	-	-
root bark/epidermis fgts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	1	-	1	-
root/rhizome fgts (ch)	1	1	1	1	1	1	-	-	-	1	-	-	-	1	1		1	1	1	-	-
Thorns	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-		-	1	-	-	-
twig fgts	-	-	-	-	-	-	1	1	1	-	3	1	1	1	-		1	1	1	1	-
twig fgts (ch)	-	-	-	-	1	-	1	-	1	1	3	1	-	1	-		1	-	-	-	-
undisaggregated compressed plant debris	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-		1	1	-	-	-
wood fgts	1	1	2	2	1	2	1	-	1	3	1	-	2	1	1		2	1	1	1	1
wood fgts (part-ch)	-	1	-	1	-	-	-	-	-	-	1	-	-	1	-		-	-	-	-	-
woody herbaceous stem fgts	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-		-	-	-	1	-
Invertebrates																					
Heterodera (cysts)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	1	1	2	-
nematodes (modern)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		-	-	-	-	-

Phase	**1**															**2**		**3**	**3**	**?**
Subphase	**ii**							**-**			**a**				**b**	**-**		**ii**		**-**
Field	**61a**							**62**			**63**				**63**	**61a**		**61a**		**62**
Parts recorded	**8158**	**8225**	**8296**	**8324**	**8331**	**8335**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**7521**	**8029**	**8178**	**8094**	**8095**	**2412**
earthworm egg caps	2	2	2	1	2	2	1	1	1	2	1	1	1	1	2	1	1	1	1	1
earthworm egg caps (contaminant)	-	-	1	-	-	-	-	1	-	1	-	-	-	-	-	1	2	1	-	-
earthworms (contaminant)	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-
Beetles	2	1	1	1	1	-	2	1	1	1	2	1	1	1	1	2	1	1	1	1
fly puparia	-	-	1	-	1	-	-	1	1	1	-	1	1	1	-	1	1	1	1	1
sheep keds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
caddis larva cases	-	-	1	-	-	-	1	2	2	-	1	1	1	1	-	1	-	1	-	2
Daphnia (ephippia)	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	1	1	-	-
Mites	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	1	-
Ostracods	-	-	-	-	-	-	-	-	1	-	-	1	2	-	-	-	-	-	-	-
Pisidium sp(p). (valves)	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
planorbid snails	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
freshwater snails	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	1	-	1	-
Snails	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-
bivalve periostracum	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Vertebrates																				
amphibian bone	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
bone fgts	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
burnt bone fgts	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
cancellous bone fgts	-	-	1	1	-	1	-	-	-	-	-	-	-	1	-	-	-	1	-	-
fish bone	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
small vertebrate bones	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mineral components																				
?daub	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
fired daub	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gravel	-	-	-	-	-	-	-	-	1	1	1	1	-	-	1	-	-	-	1	-
Pre-Quaternary megaspores	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-
root moulds (mineralised)	1	1	1	-	-	-	1	2	2	-	-	-	2	1	-	2	-	-	1	-
Sand	2	3	3	2	-	-	2	1	-	1	2	2	1	2	2	2	1	2	2	-
Sandstone	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stones	1	1	1	1	-	1	1	1	-	-	-	-	1	1	-	-	1	2	-	-
Artefactual material																				
textile fgts (ch)	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 52: Details of the samples examined for insect remains. Scores for fragmentation (F) and erosion (E) of beetle and bug sclerites follow Kenward and Large (1998) where values range between 0.5 (superb condition) to 5.5 (extremely decayed or fragmented)

Phase	Subphase	Field	Context	Sample	Sample weight (kg)	Sample volume (litres)	Paraffin flot volume (ml)	MNI beetles and bugs	Fragmentation (F) and erosion (E) of sclerites
1	ii	61a	8158	AA/T	7.75	7.0	30	662	F 2 - 3; E 2 - 3.5 (modes 2 strong, 3.5 weak)
			8225	AA/T	10.5	8.0	10	36	F 2 - 5.5 (mode 4.5); E 2 - 4 (mode 3)
			8296	AA/T	10.5	9.0	10	96	F 2 - 5.5 (modes 2 weak, 4.5 strong); E 2.5 - 4.5 (mode 4)
			8324	AA/T	7.7	7.0	<5	121	F 2 - 4.5 (mode 3.5); E 2 - 3.5 (modes 2.5, 3.5)
			8501	AA/T	11.5	9.0	10	299	F 2 - 3 (mode 2); E 2 - 3 (mode 2)
	-	62	2481	AA/T	6.75	6.0	50	645	F 2 - 4 (mode 2.5); E 2 - 4 (mode 2.5)
			2482	AA/T	2.7	2.0	20	356	F 2 - 3.5 (mode 2.5); E 2 - 3.5 (mode 2.5)
			2590	AA/T	7.0	4.5	<5	56	F 3 - 4.5 (mode 3); E 3 - 3.5 (mode 3.5)
	a	63	6926	AA/T	10.0	8.0	20	468	F 2 - 3 (mode 2); E 2 - 3.5 (mode 2)
			6927	AA/T	7.0	5.0	5	167	F 2 - 4.4 (mode 3.5); E 2.5 - 4 (mode 3)
			7647	AA/T	7.25	7.0	30	419	F 2 -3 (mode 2); E 2 - 3 (mode 2)
			7731	AA/T	11.0	8.0	15	198	F 2 - 3 (mode 2); E 2 - 3.5 (mode 2)
2	-	61a	8029	AA/T	11.5	9.0	15	326	F 2 - 3.5 (mode 2.5), E 2.5 - 4 (mode 3)
			8178	AA/T	7.5	7.0	15	258	F 2 - 4 (mode 3.5); E 2 - 3.5 (mode 2.5)
3	ii	61a	8094	AA/T	8.5	7.5	25	207	F 2 - 4 (modes 2, 3.5); E 2 - 4 (mode 2.5)
			8095	AA/T	8.8	7.0	10	222	F 2 - 3 (mode 2.5); E 3.5 - 5 (mode 4)
?	-	62	2412	AA/T	8.0	9.0	5	40	F 2 - 5.5 (mode 3.5); E

Table 53: Ecological groups used in analysis of the insect assemblages following Kenward et al. *(1986) and Kenward (1997)*

d	– damp ground or waterside taxa
l	– wood-associated taxa
g	– grain-associated taxa
m	– moorland taxa
oa	– certain outdoor taxa (unable to live and breed within buildings or in accumulations of organic material)
ob	– probable outdoor taxa
RT	– total decomposers (rd+rf+rt)
rt	– generalized decomposers
rd	– dry decomposers
rf	– foul decomposers
p	– strongly plant-associated taxa
S	– total synanthropes, i.e. taxa favoured by human activity (ss+st+sf)
ss	– strong synanthropes (very rare in natural habitats)
st	– typical synanthropes (typically present in man-made habitats but capable of living in natural situations)
sf	– facultative synanthropes (found in man-made and natural habitats)
u	– uncoded taxa
w	– aquatics

Table 54: Habitat and food preferences of plant-associated beetles and bugs. Very eurytopic taxa and species from dead and rotten wood habitats have been excluded. Main sources: British Bug Website, Cox (2007), Harde (1984), Hodkinson and White (1979), Jessop (1986), LeQuesne (1960, 1965), Luff (2007), Morris (1990, 1997, 2002, 2008), Southwood and Leston (1959)

Species	**Food and habitat preferences**
Heterogaster urticae	Warm sunny fields and non-acid waste lands, on nettles (*Urtica*)
Drymus sylvaticus	Common in grass, moss or litter on dry or dryish soils feeding on mosses and fungal hyphae and possibly other foods
Dictyla convergens	On water forget-me-not (*Mysotis scorpioides*)
Hebrus pusillus	Often, but not exclusively, in *Sphagnum* by lowland acid pools
Hebrus ruficeps	Mainly associated with *Sphagnum* by acid pools
Centrotus cornutus	On trees and shrubs in woodland rides and similar habitats
Ulopa reticulata	Associated with heathers (*Erica* and *Calluna*)
Conomelus anceps	Common on rushes (*Juncus*)
Livia juncorum	Found in wet meadows on rushes (*Juncus*)
Craspedolepta nervosa	On yarrows (*Achillea* spp.)
Trioza urticae	On nettles (*Urtica*)
Phyllopertha horticola	Larvae feed at turf roots, usually on unimproved grassland
Serica brunnea	Larvae feed at the roots of turf
Dascillus cervinus	Larvae feed at the roots of short vegetation
Brachypterus spp.	On nettles (*Urtica*)
Coccidula rufa	On reeds, rushes (*Juncus*) and bulrush (*Typha*) in wetlands. Occasionally found in grassland
Bruchinae spp.	Associated with leguminous plants
Donacia marginata	Found on branched bur-reed (*Sparganium erectum*)
Donacia simplex	Adults eat the leaves of bur-reeds (*Sparganium*) which are probably also the larval food plant
Plateumaris ?sericea	Adults usually found on bur-reeds (*Sparganium*)
Lema or *Oulema* sp.	Feeds on the leaves of grasses and cereals
Gastrophysa polygoni	On docks (*Rumex*) and knotweeds (*Polygonum*)
Gastrophysa viridula	Usually associated with docks (*Rumex*)
Phaedon tumidulus	Found on various umbellifers
Hydrothassa spp.	On Ranunculaceae
Prasocuris junci	Host plants are brooklime (*Veronica beccabunga*), pink water speedwell (*V. catenata*), and blue water speedwell (*V. anagallis-aquatica*), but the adults can also be found on various plants such as buttercups (*Ranunculus*), watercress (*Rorippa nasturtium-aquaticum*) and whorl-grass (*Catabrosa aquatica*)
Prasocuris phellandrii	Adults and larvae feed on marsh marigold (*Caltha palustris*) and also on other Ranunculaceae. Also found on leaves of other marginal plants including waterside umbellifers
Phratora vitellinae	Adults and larvae feed on the leaves of willows (*Salix*) and poplars (*Populus*)

Species	**Food and habitat preferences**
Phratora spp.	On willows (*Salix*) and poplars (*Populus*)
Phyllotreta nemorum group	On wild and cultivated Brassiceae
Crepidodera spp.	On willows (*Salix*) and poplars (*Populus*)
Sphaeroderma sp.	On Asteraceae, especially thistles (*Carduus* and *Cirsium*), and sometimes common knapweed (*Centaurea nigra*)
Oxystoma sp.	On vetches (*Vicia* and *Lathyrus*)
Notaris acridulus	On semi-aquatic grasses. Reed sweet-grass (*Glyceria maxima*) is a common host in Continental Europe
Notaris sp.	On semi-aquatic grasses
Isochnus ? foliorum	On willows and sallows (*Salix*)
Ceutorhynchus contractus	In waste and open places on Brassiceae
Ceutorhynchus erysimi	In Britain found exclusively on shepherd's purse (*Capsella bursa-pastoris*) in waste places and on disturbed ground
Micrelus ericae	On heathers (*Calluna vulgaris* and *Erica*)
Nedyus quadrimaculatus	On nettles (*Urtica*)
Parethelcus pollinarius	On nettles (*Urtica*)
Rhinoncus sp.	The various species are found on *Persicaria* and docks (*Rumex*)
Sitona spp.	On Papilionaceae
Tanysphyrus lemnae	Found on duckweed (*Lemna*)

Table 55: Insects and other invertebrates recorded from the samples. Ecological codes are shown in square brackets, see Table 53. Abundance of invertebrates other than beetles (Coleoptera) and bugs (Hemiptera) was estimated on a three-point scale as '+' – present, '++' – common, '+++' – abundant.
* – estimate of Phyllopertha horticola from Context 8158 based on count from approximately half of the flot

Phase	**1**												**2**		**3**		**?**
Subphase	**Ii**					**-**			**a**				**-**		**ii**		**-**
Field	**61a**					**62**			**63**				**61a**		**61a**		**62**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Sample weight (kg)	7.75	10.5	10.5	7.7	11.5	6.75	2.7	7	10	7	7.25	11	11.5	7.5	8.5	8.8	8
Sample volume (litres)	7	8	9	7	9	6	2	4.5	8	5	7	8	9	7	7.5	7	9
Oligochaeta sp. (earthworm egg capsules)	-	+	+	+	-	+	+	++	++	+	-	-	++	-	++	+	-
Daphnia magna group (ephippia)	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	+	-
Daphnia sp(p). (ephippia)	-	-	-	-	+++	+++	++	+	-	-	-	+	+++	+	+++	++	-
Simocephalus sp. (ephippia)	-	-	-	-	-	-	++	-	-	-	-	-	-	-	+	-	-
Cladocera spp. and sp. indet. (ephippia)	-	-	-	+	-	+++	++	-	-	+	+	-	+++	-	-	-	-
Ostracoda spp. (carapaces)	-	+	-	-	-	++	++	-	-	+	+++	-	-	-	+	+	-
Dermaptera sp. [u]	-	-	-	+	+	+	+	+	+	+	+	-	-	-	-	+	+
Bovicola ovis Schrank	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
Trichodectidae sp. (not *B. ovis*)	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
Anoplura sp., ?*Haematopinus* sp.	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
Dolycoris baccarum (Linnaeus) [oa-p]	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Acanthosomatidae/Scutelleridae/Pentatomidae [oa-p]	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heterogaster urticae (Fabricius) [oa-p]	-	-	-	-	-	1	-	-	1	-	-	1	1	-	1	2	-
Kleidocerys sp. [oa-p]	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Trapezonotus sp. (Linnaeus) [oa-p]	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Macrodema micropterum (Curtis) [oa-p-m]	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Stygnocoris sp. [oa-p]	-	-	-	-	-	1	-	-	1	-	-	1	-	-	-	-	-
Drymus sylvaticus (Fabricius) [oa-p]	-	-	1	-	-	1	-	-	4	-	-	-	-	-	-	1	-
Drymus sp. [oa-p]	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scolopostethus affinis or *thompsoni* [oa-p]	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
Scolopostethus sp. [oa-p]	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-

Phase	**1**												**2**		**3**		**?**
Subphase	**Ii**					**-**			**a**				**-**		**ii**		**-**
Field	**61a**					**62**			**63**				**61a**		**61a**		**62**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Lygaeidae spp. and sp. indet ⌈oa-p⌋	-	-	-	-	1	1	1	-	-	1	1	1	2	1	1	-	1
Dictyla convergens (Herrich-Schäffer) ⌈oa-p-d⌋	-	-	-	-	-	3	1	-	-	-	2	-	-	-	-	-	-
Anthocoris sp. ⌈oa-p⌋	-	-	5	-	-	1	-	-	1	-	-	-	1	-	-	1	-
Anthocoridae ⌈u⌋	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
Chartoscirta sp. ⌈oa⌋	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	1	-
Saldidae sp(p). ⌈oa-d⌋	1	-	1	-	-	4	3	1	2	1	9	1	1	-	-	-	-
Hebrus pusillus (Fallen) ⌈oa-p-d⌋	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Hebrus ruficeps Thomson ⌈oa-p-d⌋	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Hebrus sp. ⌈oa-p-d⌋	-	-	-	-	-	1	-	-	-	-	3	-	-	-	-	-	-
Microvelia sp. ⌈oa-w⌋	1	-	-	-	-	9	3	-	-	-	-	-	-	1	1	-	-
Gerris sp. ⌈oa-w⌋	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Corixidae spp. ⌈oa-w⌋	-	-	-	-	-	7	1	-	1	1	1	2	1	1	-	-	-
Corixidae sp(p). ⌈oa-w⌋ (nymphs)	-	-	+	-	+	-	-	-	-	-	+	+	-	-	+	++	-
Heteroptera sp. (water bug) ⌈oa-w⌋	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Heteroptera spp. and spp. indet.	1	-	-	1	-	2	-	-	-	-	-	-	1	-	1	-	-
?A*phrophora* sp. ⌈oa-p⌋	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Centrotus cornutus (Linnaeus) ⌈oa-p⌋	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Ulopa reticulata (Fabricius) ⌈oa-p-m⌋	-	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Conmelus anceps Germar ⌈oa-p⌋	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-
Delphacidae spp. ⌈oa-p⌋	-	-	3	-	2	10	6	-	-	1	14	-	6	2	2	3	1
Auchenorhyncha/Fulgoromorpha spp. ⌈oa-p⌋	15	2	3	2	6	13	9	1	8	7	4	4	7	4	14	10	1
Livia juncorum (Latreille) ⌈oa-p⌋	-	-	-	-	-	1	-	-	1	-	-	1	-	-	-	-	-
Craspedolepta nervosa (Förster) (nymphs) ⌈oa-p⌋	-	-	-	-	-	-	-	-	+	-	-	++	-	-	+	-	-
Trioza urticae (Linnaeus) ⌈oa-p⌋	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-
Trioza urticae (Linnaeus) (nymphs) ⌈oa-p⌋	++	-	+	-	-	+	+	-	-	-	-	-	++	-	+	+	-
Trioza sp. (nymph, not urticae) ⌈oa-p⌋	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-

Phase	**1**												**2**		**3**		**?**
Subphase	**Ii**					**-**			**a**				**-**		**ii**		**-**
Field	**61a**					**62**			**63**				**61a**		**61a**		**62**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Aphidoidea sp.	+	-	-	-	-	++	+	+	++	+	++	-	++	++	+	+	-
Coccoidea sp.	-	-	-	+	-	-	-	-	+	-	-	-	-	-	-	-	-
Homoptera sp(p). (nymphs)	-	-	-	-	-	-	-	-	-	-	-	-	-	++	++	-	-
Trichoptera sp. (wing fragments)	+	-	-	-	+	+	+	-	-	+	+	-	-	+	+	-	-
Trichoptera sp. (larval cases and larval fragments)	-	-	+	+	-	++	+	-	+	+	+	+	+	-	-	-	+
Bibionidae sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-
Melophagus ovinus (Linnaeus) (puparia)	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
Diptera spp. (adults)	+	-	-	-	+	-	+	+	+	-	+	++	-	+	-	-	-
Diptera spp. (puparia)	+	-	+	++	-	+	+	++	+	+	-	++	++	++	+	+	-
Formicidae spp.	-	-	-	-	+	+	+	-	-	+	+	+	-	+	-	-	-
Aculeata sp(p).	-	-	-	-	+	+	+	-	-	-	+	-	-	-	-	-	-
Hymenoptera Parasitica spp.	++	-	+	-	+	++	+	+	++	+	++	++	++	++	+	+	-
Sphaerius acaroides Waltl ⁅oa-w⁆	2	-	-	-	-	-	-	-	-	3	2	-	2	-	1	-	1
Gyrinus sp. ⁅oa-w⁆	-	-	-	-	-	3	1	-	-	-	2	-	1	1	1	-	-
Haliplus lineatocollis (Marsham) ⁅oa-w⁆	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Haliplus sp. ⁅oa-w⁆	2	-	-	-	-	1	1	1	1	1	1	-	2	-	-	1	-
Noterus clavicornis (De Geer) ⁅oa-w⁆	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-
Noterus sp. indet. ⁅oa-w⁆	-	-	-	-	-	1	-	-	1	1	-	-	-	-	-	-	-
Agabus bipustulatus (Linnaeus) ⁅oa-w⁆	-	-	-	-	-	1	-	-	-	1	1	1	1	1	1	1	1
Agabus ?nebulosus (Forster) ⁅oa-w⁆	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Agabus or *Ilybius* spp. ⁅oa-w⁆	-	-	-	-	-	3	2	-	1	2	-	-	1	-	1	-	1
Ilybius sp. (De Geer)⁅oa-w⁆	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-
Colymbetes fuscus (Linnaeus) ⁅oa-w⁆	-	-	-	-	-	1	1	1	1	-	1	-	1	-	1	-	-
?*Rhantus* sp. ⁅oa-w⁆	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-
Hydroporus palustris (Linnaeus) ⁅oa-w⁆	1	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-
Hygrotus impressopunctatus (Schaller) ⁅oa-w⁆	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-

Phase	**1**												**2**		**3**		**?**
Subphase	**Ii**					**-**			**a**				**-**		**ii**		**-**
Field	**61a**					**62**			**63**				**61a**		**61a**		**62**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Hygrotus (Coelambus) spp. ⌈oa-w⌋	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
Hygrotus inaequalis (Fabricius) ⌈oa-w⌋	2	-	-	-	-	2	2	-	3	1	1	-	1	1	2	-	-
Hydroporinae spp. ⌈oa-w⌋	4	-	-	-	-	8	4	1	1	5	3	2	3	2	3	3	-
Dytiscidae spp. ⌈oa-w⌋	-	-	-	-	-	1	-	-	-	-	-	-	1	1	-	-	-
Carabus sp. ⌈oa⌋	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Nebria brevicollis (Fabricius) ⌈oa⌋	3	-	-	-	2	1	-	-	1	-	-	-	2	-	1	1	-
Elaphrus cupreus Duftschmid ⌈oa-d⌋	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
Loricera pilicornis (Fabricius) ⌈oa⌋	1	-	-	-	-	1	-	-	-	-	1	-	1	-	1	-	-
Clivina sp. ⌈oa⌋	1	-	-	-	1	-	-	-	-	-	-	-	-	1	-	1	-
Dyschirius globosus (Herbst) ⌈oa⌋	1	-	-	-	3	4	-	1	5	-	1	-	1	1	-	-	-
Trechus obtusus or *quadristriatus* ⌈oa⌋	3	-	-	-	3	4	-	-	2	-	1	2	2	-	2	2	-
Trechus sp. indet. ⌈ob⌋	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Trechoblemus micros (Herbst) ⌈u⌋	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Asaphidion flavipes agg. (Linnaeus) ⌈oa⌋	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
Bembidion (*Metallina*) *lampros* or *properans* ⌈oa⌋	-	-	-	-	1	-	-	-	-	1	-	-	-	-	1	-	-
Bembidion (*Ocydromus*) sp. ⌈oa⌋	2	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-
Bembidion (*Phyla*) *obtusum* Audinet-Serville ⌈oa⌋	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Bembidion (*Philochthus*) *guttula* or *mannerheimi* ⌈oa⌋	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bembidion (*Philochthus*) sp. ⌈oa⌋	3	-	-	-	1	-	-	-	-	-	1	-	1	-	1	-	-
Bembidion spp. and spp. indet. ⌈oa⌋	4	-	-	-	-	4	2	-	1	1	2	1	1	2	2	4	-
Stomis pumicatus (Panzer) ⌈oa⌋	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Poecilus sp. ⌈oa⌋	2	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
Pterostichus niger (Schaller) ⌈oa⌋	3	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Pterostichus melanarius (Illiger) ⌈ob⌋	1	-	-	-	1	-	1	-	1	1	-	-	4	-	-	1	-
Pterostichus nigrita or *rhaeticus* ⌈oa-d⌋	2	-	-	-	-	1	2	-	-	-	-	-	2	1	2	-	-

Phase	**1**												**2**		**3**		**?**
Subphase	**Ii**					**-**			**a**				**-**		**ii**		**-**
Field	**61a**					**62**			**63**				**61a**		**61a**		**62**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Pterostichus vernalis (Panzer) [oa-d]	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Pterostichus diligens (Sturm) [oa-d]	-	-	-	-	-	2	-	-	-	-	2	-	-	-	-	-	-
Pterostichus strenuus (Panzer) [oa]	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pterostichus diligens or *strenuus* [oa]	-	-	-	-	1	-	-	-	-	-	-	-	-	1	1	1	-
Pterostichus sp. [oa]	-	-	-	-	-	-	3	-	-	-	-	-	1	-	1	-	-
Calathus fuscipes (Goeze) [oa]	1	-	-	-	2	1	-	1	-	1	-	-	-	-	-	-	-
Calathus melanocephalus agg. (Linnaeus) [oa]	-	-	-	-	1	2	-	-	1	-	-	-	-	-	-	-	-
Calathus sp. [oa]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Oxypselaphus obscurus (Herbst) [oa]	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anchomenus dorsalis (Pontoppidan) [oa]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Agonum (*Europhilus*) sp. [oa-d]	-	-	-	-	-	-	2	-	-	-	3	-	-	-	-	-	-
Agonum spp. [oa]	2	-	-	-	1	3	-	-	-	1	-	-	2	-	-	-	-
?*Agonum* sp. [oa]	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Amara spp. [oa]	3	-	-	-	-	1	1	-	-	-	1	-	-	-	1	-	-
Harpalus rufipes (De Geer) [oa]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Harpalus tardus (Panzer) [oa]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Harpalus sp. [oa]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Ophonus sp. [oa]	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-
Acupalpus sp. [oa-d]	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlaenius ?*nigricornis* (Fabricius) [oa-d]	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
Chlaenius sp. [oa-d]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Lebia chlorocephala (Hoffman) [oa]	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Syntomus foveatus (Geoffroy) [oa]	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Carabidae spp. [ob]	2	1	4	-	2	3	-	2	2	5	-	2	3	7	4	4	-
Helophorus sp. (terrestrial) [oa]	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	1	-
Helophorus aequalis or *grandis* [oa-w]	21	-	1	-	3	5	3	-	4	-	5	2	-	2	-	3	-

Phase	**1**												**2**		**3**		**?**
Subphase	**Ii**					**-**			**a**				**-**		**ii**		**-**
Field	**61a**					**62**			**63**				**61a**		**61a**		**62**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Helophorus grandis Illiger [oa-w]	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
Helophorus spp. [oa-w]	34	-	6	-	13	106	29	5	9	17	19	9	11	8	13	9	-
Hydrochus sp. indet. [oa-w]	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Chaetarthria sp.[oa-d]	4	-	-	-	4	-	1	-	2	3	5	-	-	-	-	-	-
Cymbiodyta marginellus (Fabricius) [oa-w]	-	-	-	-	-	5	1	-	-	-	-	-	-	-	-	-	-
Helochares sp. [oa-w]	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hydrobius fuscipes (Linnaeus) [oa-w]	4	1	4	-	-	3	2	-	2	2	2	-	2	2	3	1	1
Laccobius bipunctatus (Fabricius) [oa-w]	7	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-	-
Laccobius sp. indet [oa-w]	-	-	-	-	-	4	2	-	5	-	-	1	2	2	2	1	-
Hydrophilinae spp. and spp. indet. [oa-w]	8	-	1	1	3	4	4	1	1	2	4	3	2	3	3	1	1
Coelostoma orbiculare (Fabricius) [oa-w]	2	-	-	-	-	3	3	-	2	1	5	-	1	-	-	-	-
Cercyon granarius Erichson [oa-d]	-	-	-	-	6	-	-	-	3	-	-	-	2	-	-	-	-
Cercyon granarius or *tristis* [oa-d]	-	-	-	-	-	1	-	-	-	1	2	-	-	-	-	-	-
Cercyon haemorrhoidalis (Fabricius) [rf-sf]	4	-	-	3	2	3	1	-	2	1	3	2	8	3	-	1	-
Cercyon impressus (Sturm) [rt]	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Cercyon nigriceps (Marsham) [rf-st]	-	-	-	1	-	2	-	-	-	-	-	-	3	-	-	-	-
Cercyon obsoletus (Gyllenhal) [rt]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Cercyon pygmaeus (Illiger) [rf-st]	1	-	-	-	1	-	2	-	1	-	-	-	-	-	-	-	-
Cercyon terminatus (Marsham) [rf-st]	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-
Cercyon ?terminatus (Marsham) [rf-st]	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cercyon tristis (Illiger) [oa-d]	4	-	-	-	5	7	-	1	7	-	8	-	-	-	-	-	-
Cercyon tristis group [oa-d]	-	-	-	-	-	-	2	-	-	-	-	-	2	-	1	-	-
Cercyon analis (Paykull) [rt-sf]	4	-	-	-	-	-	-	-	15	1	-	-	4	-	-	1	-
Cercyon ustulatus (Preyssler) [oa-d]	-	-	-	-	-	1	-	-	2	1	1	-	-	1	1	-	-
Cercyon spp. and spp. indet. [u]	-	-	2	2	1	1	1	-	-	1	2	-	2	-	1	-	1
Megasternum concinnum (Marsham) [rt]	16	5	4	2	7	4	4	2	8	-	8	3	6	3	3	5	1

Phase	**1**												**2**		**3**		**?**
Subphase	**Ii**					**-**			**a**				**-**		**ii**		**-**
Field	**61a**					**62**			**63**				**61a**		**61a**		**62**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Cryptopleurum minutum (Fabricius) ⌈rf-st⌋	2	-	1	1	1	3	-	-	2	-	1	-	4	1	1	-	-
Sphaeridium sp. ⌈rf⌋	1	-	-	1	-	2	-	-	-	-	-	1	-	1	-	1	-
Acritus nigricornis (Hoffman) ⌈rt-st⌋	1	-	-	-	-	1	1	-	13	-	-	-	-	1	-	1	-
Onthophilus striatus (Forster) ⌈rt-sf⌋	2	-	-	-	3	3	1	-	-	-	-	-	1	1	-	-	-
Margarinotus or *Hister* sp.⌈rt⌋	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Atholus duodecimstriatus (Schrank) ⌈rt⌋	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Histerinae sp. ⌈rt⌋	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	-
Hydraena nigrita Germar ⌈oa-p⌋	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Hydraena testacea Curtis ⌈oa-w⌋	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hydraena spp. ⌈oa-w⌋	6	-	-	-	-	6	3	-	1	1	-	-	1	1	1	-	-
Limnebius aluta Bedel ⌈oa-w⌋	5	-	-	-	-	11	7	2	-	1	-	-	1	-	-	-	-
Limnebius nitidus (Marsham) ⌈oa-w⌋	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Limnebius spp. ⌈oa-w⌋	4	-	-	-	1	14	9	-	-	4	3	2	2	3	1	1	-
Ochthebius bicolon Germar ⌈oa-w⌋	5	-	-	-	4	-	-	-	1	1	-	-	-	-	-	2	-
Ochthebius dilatatus Stephens ⌈oa-w⌋	4	-	-	-	2	1	-	-	2	1	-	-	1	-	-	1	-
Ochthebius minimus (Fabricius) ⌈oa-w⌋	22	-	-	-	10	75	39	1	35	6	39	9	10	8	6	4	5
Ochthebius c.f. *minimus* ⌈oa-w⌋	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ochthebius spp. and spp. indet. ⌈oa-w⌋	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	-	-
Ptenidium sp. ⌈rt⌋	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	2	-
Acrotrichis spp. ⌈rt⌋	1	-	-	-	-	2	2	-	-	1	-	-	-	1	-	1	-
Ptiliidae sp. ⌈u⌋	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Catops or *Choleva* sp. ⌈u⌋	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-
Cholevinae sp. ⌈u⌋	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Scydmaenus tarsatus Müller ⌈rt-sf⌋	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Scydmaenidae spp. ⌈u⌋	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Silphidae sp(p). ⌈u⌋	1	-	-	-	-	-	-	-	-	1	-	-	1	1	1	-	-

Phase	**1**												**2**		**3**		**?**
Subphase	**Ii**					**-**			**a**				**-**		**ii**		**-**
Field	**61a**					**62**			**63**				**61a**		**61a**		**62**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Acidota crenata (Fabricius) ⌈oa⌉	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Anthobium sp. ⌈oa⌉	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Lesteva longoelytrata (Goeze) ⌈oa-d⌉	3	1	2	-	-	2	2	-	1	-	2	1	2	1	5	2	-
Lesteva sicula ssp. *heeri* Fauvel ⌈oa-d⌉	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Lesteva sp. ⌈oa-d⌉	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-
Olophrum sp. ⌈oa⌉	3	-	-	2	1	-	-	-	1	-	-	-	1	-	-	-	1
Omalium spp. ⌈rt⌉	9	2	2	-	8	3	-	-	3	1	2	2	5	1	-	2	-
Xylodromus concinnus (Marsham) ⌈rt-st⌉	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Xylodromus sp. ⌈rt-st⌉	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Omaliinae spp. ⌈u⌉	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Megarthrus sp. ⌈rt⌉	-	-	1	-	-	-	-	-	1	-	1	-	1	-	1	-	-
Micropeplus fulvus Erichson ⌈rt⌉	5	-	-	-	-	-	-	-	3	-	-	-	-	-	-	1	-
Micropeplus porcatus (Paykull) ⌈rt⌉	-	-	-	-	2	1	-	-	-	1	-	1	1	-	-	-	-
Micropeplus staphylinoides (Marsham) ⌈rt⌉	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-
Micropeplus sp. ⌈rt⌉	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Pselaphinae spp. ⌈u⌉	1	-	-	-	-	-	1	-	-	-	5	1	1	1	1	-	1
Mycetoporus sp. ⌈u⌉	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Sepedophilus sp. ⌈u⌉	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Tachinus rufipes (Linnaeus) ⌈u⌉	2	-	-	-	2	-	1	-	2	-	1	2	-	-	-	-	-
Tachinus spp. ⌈u⌉	4	1	-	-	-	1	-	-	-	1	2	-	2	2	3	3	-
Tachyporus spp. ⌈u⌉	2	-	-	-	1	4	2	-	-	-	4	2	4	-	3	1	-
Aleochara sp. ⌈u⌉	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
Cordalia obscura (Gravenhorst) ⌈rt-sf⌉	-	-	-	-	-	-	-	-	3	-	-	-	-	1	1	-	-
Cordalia or *Falagria* sp. ⌈rt-sf⌉	-	-	-	1	1	-	-	-	-	-	-	2	-	6	-	1	-
Falagria sp. ⌈rt-sf⌉	2	-	-	-	-	-	1	-	14	-	-	-	2	-	1	-	-
Cypha sp. ⌈u⌉	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-

Phase	**1**												**2**		**3**		**?**
Subphase	**Ii**					**-**			**a**				**-**		**ii**		**-**
Field	**61a**					**62**			**63**				**61a**		**61a**		**62**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Aleochariinae spp. [u]	27	1	5	1	27	22	23	5	12	8	30	12	15	16	14	11	1
Anotylus nitidulus (Gravenhorst) [rt-d]	4	-	2	-	5	3	3	1	24	4	1	1	1	6	3	7	-
Anotylus rugosus (Fabricius) [rt]	10	-	3	-	11	8	7	-	6	-	4	4	9	4	11	6	-
Anotylus sculpturatus group [rt]	9	-	1	-	9	3	1	1	2	1	3	2	2	4	6	6	-
Anotylus tetracarinatus group [rt]	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-
Anotylus sp. [rt]	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Oxytelus fulvipes Erichson [rt]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Oxytelus sculptus [rt-st]	1	-	1	3	-	1	-	-	2	-	2	-	4	-	-	-	-
Platystethus cornutus group [oa-d]	-	-	1	-	1	2	1	1	3	5	-	-	-	1	1	-	-
Platystethus nitens (Sahlberg) [oa-d]	1	-	-	-	-	2	-	-	2	-	-	1	-	1	-	1	-
Platystethus nodifrons Mannerheim [oa-d]	3	-	-	-	10	4	4	1	5	3	6	1	2	-	-	-	1
Platystethus arenarius (Fourcroy) [rf]	3	1	3	1	2	5	1	1	12	1	1	2	4	21	2	3	-
Aploderus caelatus (Gravenhorst) [rt]	-	-	-	-	-	2	-	-	-	-	-	-	1	1	1	-	-
Bledius sp. [oa]	-	-	-	-	5	-	-	1	-	-	-	1	-	-	-	-	-
Carpelimus ? bilineatus Stephens [rt-sf]	3	-	-	-	-	3	-	1	13	-	1	2	4	3	2	1	-
Carpelimus spp. [u]	6	-	-	1	4	1	1	1	2	1	-	3	1	1	-	4	-
Stenus spp. [u]	19	-	-	1	2	18	15	1	9	3	16	4	7	7	7	2	-
Lathrobium spp. [u]	1	-	-	-	1	1	2	-	1	-	2	-	1	-	-	-	1
Ochthephilum sp. [oa]	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Paederus sp. [oa-d]	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Rugilus erichsoni (Fauvel) [rt]	2	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-
Paederinae sp. [u]	1	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	-
Othius laeviusculus Stephens [rt]	-	-	-	-	3	-	-	-	-	-	3	-	-	-	-	-	-
Othius sp. [rt]	3	-	-	-	1	-	-	-	-	-	1	-	-	1	-	-	-
Erichsonius cinerascens (Gravenhorst) [oa-d]	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-
Erichsonius sp. [oa]	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-

Phase	**1**												**2**		**3**		**?**
Subphase	**Ii**					**-**			**a**				**-**		**ii**		**-**
Field	**61a**					**62**			**63**				**61a**		**61a**		**62**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Gabrius sp. ⌈rt⌋	2	-	1	-	5	3	5	-	3	-	3	1	3	-	-	-	-
Neobisnius ?villosulus (Stephens) ⌈u⌋	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Neobisnius sp. ⌈u⌋	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quedius cinctus (Paykull) ⌈rt⌋	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gyrohypnus angustatus Stephens ⌈rt-st⌋	1	-	-	-	-	1	-	-		-	-	-	-	-	-	1	-
Gyrohypnus ?angustatus Stephens ⌈rt-st⌋	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Gyrohypnus fracticornis (Müller) ⌈rt-st⌋	2	-	-	-	-	1	1	-	8	-	1	-	5	2	3	-	-
Gyrohypnus sp. indet. ⌈rt⌋	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	3	-
Leptacinus pusillus (Stephens) ⌈rt-st⌋	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	1	-
Leptacinus sp. ⌈rt-st⌋	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Phacophallus parumpunctatus (Gyllenhal) ⌈rt-st⌋	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
Xantholinus linearis or *longiventris* ⌈rt-sf⌋	3	-	-	-	3	2	-	-	6	3	-	-	-	2	-	-	-
Xantholinus sp. indet. ⌈rt⌋	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
Xantholinini sp(p). ⌈u⌋	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	1	-
Staphylininae spp. ⌈u⌋	8	1	1	2	5	12	7	-	12	6	9	2	12	7	9	11	1
Sinodendron cylindricum (Linnaeus) ⌈l⌋	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Geotrupes sp. ⌈oa-rf⌋	3	-	-	1	2	2	1	-	1	1	-	1	1	1	-	1	-
Aphodius rufipes (Linnaeus) ⌈oa-rf⌋	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aphodius ater (De Geer) ⌈oa-rf⌋	-	-	-	-	1	1	-	1	-	-	4	-	1	1	-	1	-
Aphodius granarius (Linnaeus) ⌈ob-rf⌋	3	1	-	2	-	1	2	-	3	-	-	-	-	2	-	2	-
Aphodius prodromus or *sphacelatus* ⌈ob-rf⌋	9	-	-	-	14	9	8	-	20	6	-	5	9	3	-	4	-
Aphodius contaminatus (Herbst) ⌈oa-rf⌋	44	1	1	3	9	10	4	3	7	1	6	2	6	2	4	3	1
Aphodius spp. and spp. indet. ⌈ob-rf⌋	6	2	3	-	9	4	4	3	8	3	11	7	3	4	5	1	3
Oxyomus sylvestris (Scopoli) ⌈rt⌋	4	-	-	-	-	1	1	-	3	-	1	1	1	2	1	4	-
Hoplia philanthus (Füessly) ⌈oa-p⌋	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-
Serica brunnea (Linnaeus) ⌈oa-p⌋	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Phase	**1**												**2**		**3**		**?**
Subphase	**Ii**					**-**			**a**				**-**		**ii**		**-**
Field	**61a**					**62**			**63**				**61a**		**61a**		**62**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Phyllopertha horticola (Linnaeus) ⌈oa-p⌋	50*	1	1	1	5	15	5	1	3	2	1	1	3	2	3	1	1
Clambus pubescens Redtenbacher ⌈rt-sf⌋	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Clambus sp. ⌈rt-sf⌋	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
Cyphon sp. ⌈oa-d⌋	2	-	-	-	-	11	9	-	1	-	5	1	-	-	-	-	-
Dascillus cervinus (Linnaeus) ⌈oa-p⌋	1	-	-	-	-	1	1	-	1	-	-	-	1	-	-	-	-
Simplocaria semistriata (Fabricius) ⌈oa-p⌋	-	-	-	-	-	1	1	-	-	-	-	1	-	-	-	-	-
Byrrhidae sp. ⌈u⌋	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Elmis aenea (Müller) ⌈oa-w⌋	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
Esolus parallelepipedus (Müller) ⌈oa-w⌋	1	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-
Limnius volkmari (Panzer) ⌈oa-w⌋	-	-	-	-	-	1	-	1	-	-	-	-	-	1	-	1	-
Oulimnius sp. ⌈oa-w⌋	1	-	-	-	-	-	-	1	1	1	1	-	1	-	-	-	-
Dryops sp(p). ⌈oa-d⌋	3	-	-	-	3	2	2	-	2	-	-	-	1	-	1	-	-
Heterocerus sp. ⌈oa-d⌋	-	-	-	-	1	-	-	-	2	-	-	-	-	-	-	-	-
Elateridae spp. ⌈ob⌋	2	-	-	-	1	2	2	-	-	-	-	1	3	-	3	1	1
Cantharidae spp. ⌈ob⌋	1	-	-	-	1	3	2	-	-	-	1	1	2	1	-	1	-
Tipnus unicolor (Piller and Mitterpacher) ⌈rd-ss⌋	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Ptinus fur (Linnaeus) ⌈rd-sf⌋	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Ptininae sp. ⌈rd⌋	-	-	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Anobium punctatum (de Geer) ⌈l-sf⌋	-	-	1	1	-	-	-	-	-	-	-	1	1	-	1	1	-
Brachypterus sp. ⌈oa-p⌋	13	-	-	-	1	2	1	-	-	-	3	-	4	4	1	4	-
Meligethes sp. ⌈oa-p⌋	-	-	1	-	-	3	1	2	1	-	4	1	-	1	1	-	-
Nitidulidae sp. ⌈u⌋	-	-	-	-	1	-	-	-	1	-	-	-	-	1	-	-	-
Monotoma sp. ⌈rt-sf⌋	1	-	-	-	-	-	-	1	1	-	1	-	1	1	-	-	-
Oryzaephilus surinamensis (Linnaeus) ⌈g-ss⌋	1	1	3	64	2	-	-	-	3	-	-	8	3	1	-	-	-
Cryptolestes ferrugineus (Stephens) ⌈g-ss⌋	-	-	1	5	-	-	-	-	1	-	-	6	2	-	-	-	-
Phalacridae spp. ⌈oa-p⌋	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-

Phase	**1**												**2**		**3**		**?**
Subphase	**Ii**					**-**			**a**				**-**		**ii**		**-**
Field	**61a**					**62**			**63**				**61a**		**61a**		**62**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Cryptophagus spp. ⌈rd-sf⌉	-	-	-	1	-	-	-	-	5	-	-	1	2	-	-	-	-
Atomaria spp. ⌈rd⌉	10	-	-	-	1	2	5	-	5	-	10	4	2	2	1	4	-
Ephistemus globulus (Paykull) ⌈rd-sf⌉	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-	1	-
Cryptophagidae sp. ⌈u⌉	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Coccidula ?rufa (Herbst) ⌈oa-d-p⌉	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
Coccinellidae sp. ⌈oa-p⌉	-	-	-	-	-	1	1	-	1	-	1	-	-	-	-	1	-
Corylophidae spp. ⌈rt⌉	9	-	-	-	4	2	-	-	-	-	1	-	2	10	1	2	-
Stephostethus lardarius (De Geer) ⌈rt-st⌉	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
Latridius minutus group ⌈rd-st⌉	15	2	-	3	2	4	2	-	14	2	4	16	13	10	3	2	-
Enicmus sp. ⌈rd-sf⌉	4	-	-	-	-	2	1	-	1	-	2	1	-	2	-	3	-
Corticaria spp. ⌈rt-sf⌉	4	2	-	-	-	-	-	-	7	-	3	1	-	-	-	1	-
?*Corticaria* sp. ⌈rt-sf⌉	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
Corticariinae spp. ⌈rt⌉	12	-	1	-	3	5	4	-	7	1	9	1	2	1	1	2	-
Palorus ratzeburgii (Wissman) ⌈g-ss⌉	-	-	-	-	-	-	-	-	-	-	-	1	1	3	-	-	-
Omonadus sp. ⌈rt⌉	1	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
Bruchinae sp. ⌈u⌉	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Donacia marginata Hoppe ⌈oa-p-d⌉	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Donacia simplex Fabricius ⌈oa-p-d⌉	-	-	-	-	1	3	1	-	-	-	4	1	-	2	-	1	-
Donacia sp(p). ⌈oa-p-d⌉	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Plateumaris ?affinis (Kunze) ⌈oa-p-d⌉	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Plateumaris discolor or *sericea* ⌈oa-p-d⌉	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Plateumaris ?sericea (Linnaeus) ⌈oa-p-d⌉	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Plateumaris sp. ⌈oa-p-d⌉	-	-	1	-	-	-	-	-	1	-	4	-	-	-	-	-	-
Donaciinae spp. and spp. indet. ⌈oa-p-d⌉	1	1	-	2	1	-	1	1	-	-	-	2	3	2	1	-	2
Lema or *Oulema* sp. ⌈oa-p⌉	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Chrysolina sp. ⌈oa-p⌉	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-

Phase	**1**												**2**		**3**		**?**
Subphase	**Ii**					**-**			**a**				**-**		**ii**		**-**
Field	**61a**					**62**			**63**				**61a**		**61a**		**62**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Gastrophysa polygoni (Linnaeus) [oa-p]	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-
Gastrophysa viridula (De Geer) [oa-p]	4	1	3	-	3	2	2	-	-	-	-	2	5	4	-	1	-
Gastrophysa sp. indet. [oa-p]	-	-	1	-	-	-	1	-	-	-	-	-	-	1	-	-	-
Phaedon tumidulus (Germar) [oa-p]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Phaedon sp. [oa-p]	-	-	-	-	1	-	2	-	-	-	5	-	1	-	1	-	-
Hydrothassa sp(p). [oa-p]	1	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-
Prasocuris junci (Brahm) [oa-p-d]	-	-	1	-	-	1	-	-	4	2	13	-	-	-	-	-	-
Prasocuris phellandrii (Linnaeus) [oa-p-d]	3	-	1	1	-	12	5	-	1	1	16	1	2	1	3	-	1
Phratora vitellinae (Linnaeus) [oa-p]	-	-	1	-	1	4	1	-	-	-	-	-	-	2	-	1	-
Phratora sp. [oa-p]	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Phyllotreta nemorum group [oa-p]	3	1	1	-	-	1	-	-	2	-	1	-	1	-	1	-	-
Phyllotreta spp. [oa-p]	-	-	-	-	-	-	-	-	2	-	-	-	-	1	-	-	-
Longitarsus sp. [oa-p]	3	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-
Neocrepidodera sp. (Scopoli) [oa-p]	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Crepidodera sp. (Fabricius) [oa-p]	-	-	1	-	-	1	-	-	-	-	-	-	-	1	-	-	-
Sphaeroderma sp. [oa-p]	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Chaetocnema concinna (Marsham) [oa-p]	-	-	-	-	2	1	1	-	1	-	-	1	-	-	-	1	-
Chaetocnema sp. indet. [oa-p]	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
Psylliodes sp. [oa-p]	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Alticini spp. [oa-p]	2	-	1	-	4	5	2	1	2	4	1	3	2	-	1	1	-
Cassida sp. [oa-p]	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Chrysomelidae spp. and sp. indet. [oa-p]	1	1	-	1	1	2	1	-	3	1	1	2	1	3	2	2	1
Apion sp. [oa-p]	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Oxystoma sp. [oa-p]	6	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Apionidae spp. [oa-p]	6	-	-	-	2	5	2	-	3	-	3	5	1	6	2	3	-
Sitophilus granarius (Linnaeus) [g-ss]	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	-	-

Phase	**1**												**2**		**3**		**?**
Subphase	**Ii**					**-**			**a**				**-**		**ii**		**-**
Field	**61a**					**62**			**63**				**61a**		**61a**		**62**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Notaris acridulus (Linnaeus) [oa-p-d]	1	-	1	-	3	2	-	-	1	-	-	-	5	1	-	-	1
Notaris sp. [oa-p-d]	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Mecinus ?labilis (Herbst) [oa-p]	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-
Mecinus sp. [oa-p]	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Isochnus ?foliorum (Müller) [oa-p]	10	-	-	-	-	19	3	-	-	-	-	2	-	1	-	-	-
Bagous sp. [oa-p-w]	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Ceutorhynchus contractus (Marsham) [oa-p]	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Ceutorhynchus erysimi (Fabricius) [oa-p]	-	-	-	-	3	-	-	-	-	-	2	1	-	-	-	1	-
Ceutorhynchus typhae (Herbst) [oa-p]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Ceutorhynchus spp. [oa-p]	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-	-	-
Micrelus ericae (Gyllenhal) [oa-p-m]	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nedyus quadrimaculatus (Linnaeus) [oa-p]	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-
Parethelcus pollinarius (Forster) [oa-p]	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-
Rhinoncus sp. [oa-p]	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-
Ceutorhynchinae sp. [oa-p]	3	-	-	-	1	2	1	-	2	-	1	1	-	1	-	-	-
Sitona spp. [oa-p]	2	-	-	-	2	-	1	-	1	1	1	1	1	-	-	-	-
Hypera sp. [oa-p]	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Leiosoma sp. [oa-p]	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanysphyrus lemnae (Paykull) [oa-p-w]	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Curculionidae spp. [oa-p]	2	2	1	2	-	5	3	-	4	5	2	-	5	-	2	-	2
Coleoptera spp. and spp. indet. [u]	2	-	2	4	1	-	2	2	3	6	2	1	1	1	2	1	4
Insecta spp. indet. larval fragments	+++	+	++	+	+++	-	+++	++	+++	-	+++	+++	+++	+++	++	++	-
Acarina spp.	+++	+	+	++	++	+++	+++	-	++	++	+++	+++	++	++	++	++	++
Aranae sp.	+	-	-	+	-	+	+	-	+	+	+	+	+	+	+	+	+
Lophopus crystallinus (Pallas) (statoblasts)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-
TOTAL INDIVIDUALS BEETLES AND BUGS	**662**	**36**	**96**	**121**	**299**	**645**	**356**	**56**	**468**	**167**	**419**	**198**	**326**	**258**	**207**	**222**	**40**

Table 56: Proportions of aquatic and terrestrial beetles and bugs in the assemblages at Healam Bridge, with percentages rounded to the nearest whole number

Phase	**1**												**2**		**3**		**?**
Subphase	**ii**	**ii**	**ii**	**ii**	**ii**	**-**	**-**	**-**	**a**	**a**	**a**	**a**	**-**	**-**	**ii**	**ii**	**-**
Field	**61a**	**61a**	**61a**	**61a**	**61a**	**62**	**62**	**62**	**63**	**63**	**63**	**63**	**61a**	**61a**	**61a**	**61a**	**-**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**
Total individuals	662	36	96	121	299	645	356	56	468	167	419	198	326	258	207	222	40
Total taxa	216	30	66	41	121	214	164	46	180	112	163	115	174	146	124	137	35
Number of aquatic individuals	147	1	16	1	36	282	125	14	74	58	97	33	51	40	42	31	11
% aquatic individuals	22%	2%	17%	1%	12%	44%	35%	25%	16%	35%	23%	17%	16%	16%	20%	14%	28%
Number of aquatic taxa	30	1	7	1	9	42	29	10	21	31	27	12	26	21	21	16	7
% aquatic taxa	14%	3%	11%	2%	7%	20%	18%	22%	12%	28%	17%	10%	15%	14%	17%	12%	20%
Number of terrestrial taxa	515	35	80	120	263	363	231	42	394	109	322	165	300	218	165	16	29
% terrestrial individuals	78%	97%	83%	99%	88%	56%	65%	75%	84%	66%	77%	83%	92%	85%	80%	12%	73%
Number of terrestrial taxa	186	29	59	40	112	172	135	36	159	81	136	103	148	125	103	121	28
% terrestrial taxa	86%	97%	89%	98%	93%	80%	82%	78%	88%	72%	83%	90%	85%	86%	83%	88%	80%

Table 57: Proportions of terrestrial beetles and bugs representing different ecological groups at Healam Bridge, with percentages rounded up to the nearest whole number. Ecological groups are based on Kenward et al. *(1986) and Kenward (1997) (see Table 53 for codes used)*

Phase	**1**												**2**		**3**		**?**
Subphase	**ii**	**ii**	**ii**	**ii**	**ii**	**-**	**-**	**-**	**a**	**a**	**a**	**a**	**-**	**-**	**ii**	**ii**	**-**
Field	**61a**	**61a**	**61a**	**61a**	**61a**	**62**	**62**	**62**	**63**	**63**	**63**	**63**	**61a**	**61a**	**61a**	**61a**	**-**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**
Number of terrestrial individuals	515	35	80	120	263	363	231	56	394	109	322	165	300	218	165	191	29
Number of terrestrial taxa	128	29	59	40	112	172	135	36	159	81	136	103	148	125	103	121	28
Number of RT individuals	225	16	27	25	112	101	66	15	238	30	93	66	117	109	52	81	5
% RT individuals	44%	46%	34%	21%	43%	28%	29%	36%	60%	28%	29%	40%	39%	50%	32%	42%	17%
Number of RT taxa	128	11	18	15	34	40	29	11	53	18	39	32	42	40	22	39	4
% RT taxa	69%	38%	31%	38%	30%	23%	22%	31%	33%	22%	29%	31%	28%	32%	21%	32%	14%
Number of rd individuals	31	2	1	5	3	8	9	0	26	2	17	23	19	14	4	10	0
% rd individuals	6%	6%	1%	4%	1%	2%	4%	0%	7%	2%	5%	14%	6%	6%	2%	5%	0%
Number of rd taxa	10	1	1	3	2	3	4	0	8	1	6	7	6	4	2	5	0
% rd taxa	5%	4%	2%	8%	2%	2%	3%	0%	5%	1%	4%	7%	4%	3%	2%	4%	0%
Number of rf individuals	96	5	8	13	41	43	23	8	56	13	26	20	39	40	12	17	4
% rf individuals	19%	14%	10%	11%	16%	12%	10%	19%	14%	12%	8%	12%	13%	18%	7%	9%	14%
Number of rf taxa	20	5	6	8	12	13	9	5	13	7	10	11	11	13	6	9	3
% rf taxa	11%	17%	10%	20%	11%	8%	7%	14%	8%	9%	7%	11%	7%	10%	6%	7%	11%
Number of rt individuals	98	9	18	7	68	50	34	7	157	15	50	23	59	55	36	54	1
% rt individuals	19%	26%	23%	6%	26%	14%	15%	17%	40%	14%	16%	14%	20%	25%	22%	28%	4%
Number of rt taxa	98	5	11	4	20	24	16	6	33	10	23	14	25	23	14	25	1
% rt taxa	53%	17%	19%	10%	18%	14%	12%	17%	21%	12%	17%	14%	17%	18%	14%	21%	4%
%rd/RT individuals	14%	13%	4%	20%	3%	8%	14%	0%	11%	7%	17%	35%	11%	13%	8%	12%	0%
%rf/RT individuals	43%	31%	30%	52%	37%	43%	35%	53%	24%	43%	26%	30%	33%	37%	23%	21%	80%
%rt/RT individuals	44%	56%	67%	28%	61%	50%	52%	47%	66%	50%	50%	35%	50%	51%	69%	67%	20%
Number of g individuals	1	1	4	69	2	0	0	0	5	0	0	16	6	5	0	0	0
% g individuals	<1%	3%	5%	58%	1%	0%	0%	0%	1%	0%	0%	10%	2%	2%	0%	0%	0%
Number of g taxa	1	1	2	2	1	0	0	0	3	0	0	4	3	3	0	0	0
% g taxa	1%	4%	3%	5%	1%	0%	0%	0%	2%	0%	0%	4%	2%	2%	0%	0%	0%

Phase	**1**												**2**		**3**		**?**
Subphase	**ii**	**ii**	**ii**	**ii**	**ii**	**-**	**-**	**-**	**a**	**a**	**a**	**a**	**-**	**-**	**ii**	**ii**	**-**
Field	**61a**	**61a**	**61a**	**61a**	**61a**	**62**	**62**	**62**	**63**	**63**	**63**	**63**	**61a**	**61a**	**61a**	**61a**	**-**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**
Number of l individuals	0	0	1	1	0	1	0	0	0	0	0	1	1	0	1	1	0
% l individuals	0%	0%	1%	1%	0%	<1%	0%	0%	0%	0%	0%	1%	<1%	0%	1%	1%	0%
Number of l taxa	0	0	1	1	0	1	0	0	0	0	0	1	1	0	1	1	0
% l taxa	0%	0%	2%	3%	0%	1%	0%	0%	0%	0%	0%	1%	1%	0%	1%	1%	0%
Number of d individuals	37	2	10	3	45	70	43	6	67	21	89	12	24	18	20	12	5
% d individuals	7%	6%	13%	3%	17%	19%	19%	14%	17%	19%	28%	7%	8%	8%	12%	6%	17%
Number of d taxa	18	2	8	3	13	26	20	6	22	9	20	12	13	12	11	5	5
% d taxa	10%	7%	14%	8%	12%	15%	15%	17%	13%	11%	15%	12%	9%	10%	11%	4%	18%
Number of p individuals	144	13	30	10	41	127	64	8	55	26	98	38	59	45	40	46	11
% p individuals	28%	37%	38%	8%	16%	35%	28%	19%	14%	24%	30%	23%	20%	21%	24%	24%	38%
Number of p taxa	45	12	23	9	25	58	44	7	40	23	42	35	38	33	29	35	11
% p taxa	24%	41%	39%	23%	22%	34%	33%	19%	25%	28%	31%	34%	26%	26%	28%	29%	39%
Number of m individuals	1	2	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
% m individuals	<1%	6%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	<1%	0%	0%	0%	0%
Number of m taxa	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
% m taxa	1%	4%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
Number of oa individuals	251	15	35	16	111	204	108	20	111	47	161	53	95	60	68	76	14
% oa individuals	49%	43%	44%	13%	42%	6%	47%	48%	28%	43%	50%	32%	32%	28%	41%	40%	48%
Number of oa taxa	80	14	27	12	50	11	68	17	66	36	65	48	62	46	69	58	14
% oa taxa	43%	48%	46%	30%	45%	6%	50%	47%	42%	44%	48%	47%	42%	37%	67%	48%	50%
Number of oa+ob individuals	277	19	42	18	139	226	127	25	145	62	173	69	119	77	79	86	18
% oa+ob individuals	54%	54%	53%	15%	53%	62%	55%	60%	37%	57%	54%	42%	40%	35%	48%	45%	62%
Number of oa+ob taxa	92	18	34	13	60	102	77	21	76	45	71	58	73	59	77	64	17
% oa+ob taxa	50%	62%	58%	33%	54%	59%	57%	58%	48%	56%	52%	56%	49%	47%	75%	53%	61%
Number of S individuals	55	5	8	84	15	32	12	2	123	6	20	43	58	39	11	18	0
% S individuals	11%	14%	10%	70%	6%	9%	5%	5%	31%	6%	6%	26%	19%	18%	7%	9%	0%
Number of S taxa	23	4	6	11	8	17	10	2	29	3	12	13	20	16	6	13	0
% S taxa	12%	14%	10%	28%	7%	10%	7%	6%	18%	4%	9%	13%	14%	13%	6%	11%	0%

Phase	**1**												**2**		**3**		**?**
Subphase	**ii**	**ii**	**ii**	**ii**	**ii**	**-**	**-**	**-**	**a**	**a**	**a**	**a**	**-**	**-**	**ii**	**ii**	**-**
Field	**61a**	**61a**	**61a**	**61a**	**61a**	**62**	**62**	**62**	**63**	**63**	**63**	**63**	**61a**	**61a**	**61a**	**61a**	**-**
Context	**8158**	**8225**	**8296**	**8324**	**8501**	**2481**	**2482**	**2590**	**6926**	**6927**	**7647**	**7731**	**8029**	**8178**	**8094**	**8095**	**2412**
Sample	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**	**AA**
Number of ss individuals	1	1	4	69	2	0	0	0	5	0	0	16	7	5	0	0	0
% ss individuals	<1%	3%	5%	58%	1%	0%	0%	0%	1%	0%	0%	10%	2%	2%	0%	0%	0%
Number of ss taxa	1	1	2	2	1	0	0	0	3	0	0	4	4	3	0	0	0
% ss taxa	1%	4%	3%	5%	1%	0%	0%	0%	2%	0%	0%	4%	3%	2%	0%	0%	0%
Number of st individuals	25	2	3	9	4	14	6	0	46	2	9	17	31	15	7	8	0
% st individuals	5%	6%	4%	8%	2%	4%	3%	0%	12%	2%	3%	10%	10%	7%	4%	4%	0%
Number of st taxa	8	1	3	5	3	8	4	0	10	1	5	2	7	5	3	5	0
% st taxa	4%	4%	5%	13%	3%	5%	3%	0%	6%	1%	4%	2%	5%	4%	3%	4%	0%
Number of sf individuals	29	2	1	6	9	18	6	2	72	4	11	10	20	19	4	10	0
% sf individuals	6%	6%	1%	5%	3%	5%	3%	5%	18%	4%	3%	6%	7%	9%	2%	5%	0%
Number of sf taxa	14	2	1	4	4	9	6	2	16	2	7	7	9	8	3	8	0
% sf taxa	8%	7%	2%	10%	4%	5%	4%	6%	10%	3%	5%	7%	6%	6%	3%	7%	0%

Table 58:Molluscs from the PRS processed analysis subsamples from Healam Bridge (remains recorded from all subsample fractions)

Phase	**1**			
Subphase	**-**		**a**	
Field	**62**		**63**	
Context	**2481**	**2482**	**6927**	**7647**
Sample	**AA**	**AA**	**AA**	**AA**
Valvata cristata Müller	1	-	-	2
Valvata piscinalis (Müller)	-	1	-	-
Bithynia ?truncatula (L.) (opercula)	-	-	5	-
Bithynia ?truncatula (L.) (apex)	-	-	-	1
Bithynia ?leachii (Sheppard) (apex)	1	-	-	-
Bithynia sp. (apex)	4	-	-	-
Lymnaea ?truncatula (Müller)	-	1	-	2
Lymnaea ?peregra (Müller)	-	2	-	-
Lymnaea sp. (apex)	2	7	-	1
Planorbis planorbis (L.)	3	2	-	-
Planorbis ?planorbis (L.)	1	-	-	-
Bathyomphalus contortus (L.)	13	16	-	15
Gyraulus laevis (Alder)	21	33	-	2
Gyraulus albus (Müller)	1	-	-	-
Gyraulus crista (L.)	6	10	-	-
Segmentina nitida (Müller)	-	2	-	-
Planorbarius ?corneus (L.)	-	-	-	23
planorbid – indeterminate (apex)	14	35	-	-
small succineid – ?*Succinea oblonga* Draparnaud (apex)	1	3	-	-
large succineid – *Succinea putris* (L.) or *Oxyloma pfeifferi* (Rossmässler)	-	1	-	-
Unidentified freshwater snail apices	6	-	1	2
?*Aegopinella* sp. (apex)	-	1	-	-
Trichia ?hispida (L.) (apex)	2	-	-	-
Unidentified land snail apices	3	4	-	-
Pisidium sp. (valve)	-	1	-	-
Unidentified mollusc shell fragments	31	-	-	2
Total fragments	110	119	6	50

Table 59: Samples from Healam Bridge processed at PRS – summary information regarding the biological content of the sample residues in context number order by Phase (and subphase) and Field. Key: 'CN' – context number; 'S' – sample; 'U' – unphased; 'Wt/V (kg/l) – weight/volume of sediment processed in kilos and litres; 'Ch'd' – charred; 'Invert.' – non-molluscan invertebrate remains; 'Moll' – molluscs; 'sq' – semi-quantitative abundance; 'mm' – maximum linear dimension in mm; 'g' –weight in grammes. Semi-quantitative abundance scale: 1 – few/rare, up to 3 individuals/items or a trace level component of the whole; 2 – some/present, 4 to 20 items or a minor component; 3 – many/common, 21 to 50 or a significant component; 4 – very many/abundant, 51 to 200 or a major component; and 5 – super-abundant, over 200 items/individuals or a dominant component of the whole

Phase and sub-phase	Field	CN	S	Wt/V (kg/l)	Residue wt/vol (g/ml)	Charcoal >4 mm sq/mm/g	Ch'd nut shell sq/mm/g	Ch'd grain sq	Ch'd chaff sq	Ch'd seeds sq	Invert. sq	Moll sq	Large mammal bone >4 mm sq/mm/g	Small vertebrate bone sq/mm/g	Identifications and notes
1i	61a	8452	AA	9.25/8	1140/850	2/15/1	-	-	1	1	2	-	3/60/11	-	Poaceae culm node Fragment of small legume (*Vicia/Lathyrus*) Large mammal: rib fragment
1ii	61a	8158	AA	7.7/7	870/650	2/15/0.8	-	-		2	2	-	-	-	*Persicaria* sp. charred ?bud Heather (*Calluna*) stems
1ii	61a	8225	AA	10.5/8	2050/1400	3/20/2.2	1/8/<0.1	-	-	1	-	-	1/56/1.5	-	A little charcoal roundwood present including ?heather (cf. *Calluna*) Hazel (*Corylus avellana* L.) nutshell Fragment of ?pulse (cf. *Lathyrus/Pisum*)
1ii	61a	8296	AA	10.5/9	1200/900	2/14/0.2	-	-	1	-	-	-	2/28/3.5	-	Charcoal includes some ?heather (*Calluna*) Glume wheat glume base
1ii	61a	8324	AA	7.7/7	700/500	2/25/0.9	-	-	-	-	-	-	3/70/17	-	Large mammal: pig (*Sus* f. domestic) – deciduous incisor; sheep/goat –lower premolar; large mammal rib fragment in several pieces with small cut/chop

Phase and sub-phase	Field	CN	S	Wt/V (kg/l)	Residue wt/vol (g/ml)	Charcoal >4 mm sq/mm/g	Ch'd nut shell sq/mm/g	Ch'd grain sq	Ch'd chaff sq	Ch'd seeds sq	Invert. sq	Moll sq	Large mammal bone >4 mm sq/mm/g	Small vertebrate bone sq/mm/g	Identifications and notes
															mark
1ii	61a	8331	AA	4.8/5	-/2050	-	-	-	-	-	-	-	-	-	-
1ii	61a	8335	AA	5.75/4	750/500	-	-	-	-	-	-	-	2/30/0.8	1/5/<0.1	Large mammal: pig (*Sus* f. domestic) – deciduous premolar (unerupted); mouse/vole (Murid/Cricetid) – upper incisor fragment
1ii	61a	8501	AA	11.5/9	980/700	2/10/0.2	-	-	-	-	-	-	-	-	-
1	62	2319	AA	10.25/7.5	1250/800	-	-	-	-	-	-	-	-	-	-
1	62	2322	AA	11.25/8	920/550	-	-	-	-	-	-	-	-	-	-
1	62	2328	AA	13.75/10	1315/900	-	-	-	-	-	-	-	-	-	-
1	62	2481	AA	6.75/6	350/425	-	1/8/<0.1	-	-	3	2	4	1/38/3.5	1	Hazel (*Corylus avellana*) nutshell Large mammal: medium-sized mammal – mandible fragment Small vertebrate: stickleback (*Gasterosteus aculeatus* L.) – spine; common frog (*Rana temporaria* L.) – pelves
1	62	2482	AA	2.7/2	150/175	-	-	-	-	3	2	4	-	-	
1	62	2590	AA	7/4.5	130/75	-	-	-	-	-	-	-	-	-	-
1	63	7484	AA	13.25/10	1200/800	-	-	-	-	-	-	-	2/38/4.5	-	Medium-sized mammal: carpal bones (probably sheep/goat), poorly preserved
1a	63	5607	AA	7/5	730/450	1/8/<0.1	-	-	-	-	-	-	-	-	-
1a	63	6926	AA	10/8	350/250	-	-	-	-	-	-	-	2/19/1.5	-	-

Phase and sub-phase	Field	CN	S	Wt/V (kg/l)	Residue wt/vol (g/ml)	Charcoal >4 mm sq/mm/g	Ch'd nut shell sq/mm/g	Ch'd grain sq	Ch'd chaff sq	Ch'd seeds sq	Invert. sq	Moll sq	Large mammal bone >4 mm sq/mm/g	Small vertebrate bone sq/mm/g	Identifications and notes
1a	63	6927	AA	7/5	375/300	-	-	-	-	-	1	2	1/19/0.2	-	
1a	63	7170	AA	10.25/9	630/500	-	-	-	-	-	-	-	1/7/0.2	-	-
1a	63	7426	AA	9.5/7	665/450	2/10/0.7	2/8/0.1	1	-	1	-	-	2/20/1	-	Hazel (*Corylus avellana*) nutshell 2x indeterminate glume wheat grains 1x grass (Poaceae) seed
1a	63	7647	AA	7.25/7	175/175	-	-	-	-	2	2	3	-	3/22/0.5	Small vertebrate: common frog (*Rana temporaria*) – skeletal elements including tibio-fibula, ilium, humerus, urostyle and parasphenoid, all from immature individuals; frog/toad – vertebrae and other post-cranial bones
1a	63	7731	AA	11/8	390/350	2/8/0.5	2/8/0.2	2	1	2	-	-	1/67/8	1/8/<0.1	Hazel (*Corylus avellana*) nutshell; 2x free threshing wheat grains; 2x glume wheat grains; 2x glume wheat bases 13x indeterminate large grass (Poaceae) seeds Large mammal: sheep/goat – pelvis fragment (juvenile)
1a	63	7781	AA	10/8	2685/2300	3/12/2.7	-	-	-	-	-	-	2/25/2.5	-	-
1b	63	7521	AA	10/9	2485/3000	3/20/2.1	-	-	-	-	-	-	2/55/12	1/9/<0.1	Large mammal: horse (*Equus* sp.) – incisor Small vertebrate: mouse/vole

Phase and sub-phase	Field	CN	S	Wt/V (kg/l)	Residue wt/vol (g/ml)	Charcoal >4 mm sq/mm/g	Ch'd nut shell sq/mm/g	Ch'd grain sq	Ch'd chaff sq	Ch'd seeds sq	Invert. sq	Moll sq	Large mammal bone >4 mm sq/mm/g	Small vertebrate bone sq/mm/g	Identifications and notes
															(Murid/Cricetid) – lower incisor fragment, distal tibia
1b	63	7640	AA	3/3	560/600	3/11/1	-	-	-	-	-	-	1/20/1.6	-	
1b	63	7860	AA	10/7	1875/2200	-	-	-	-	-	-	-	2/37/7	-	Large mammal: medium-sized mammal – fragments of vertebrae and long bone
1c	63	7463	AA	7.5/6	1500/1500	4/17/6	-	-	-	-	-	-	1/8/0.3	-	-
2	61a	8029	AA	11.5/9	825/675	2/11/0.3	-	-	-	1	1	-	1/110/69	-	Large mammal: pelvis fragment, chopped and chewed
2	61a	8178	AA	7.5/7	140/125	2/19/0.5	-	2	-	2	-	1	-	-	Molluscs: 2x slug 'plates'
3ii	61a	8094	AA	8.5/7.5	1070/700	3/14/1.5	-	2	-	1	-	-	2/36/4.5	3/10/0.3	Small vertebrate: eel (*Anguilla anguilla* (L.)) – vertebra; ?stickleback (cf. *Gasterosteus aculeatus*) – vertebra and cranial bone; common frog (*Rana temporaria*) – parasphenoid, scapulae; frog/toad – pelvis and long bone fragments; shrew (Soricidae) – molar; wood/yellow-necked mouse (*Apodemus* sp.) – molar; water vole (*Arvicola terrestris* (L.)) – molar; mouse/vole (Muridae/Cricetidae) – post-cranial bones; cat (*Felis* sp.) – 3rd lower premolar (probably

Phase and sub-phase	Field	CN	S	Wt/V (kg/l)	Residue wt/vol (g/ml)	Charcoal >4 mm sq/mm/g	Ch'd nut shell sq/mm/g	Ch'd grain sq	Ch'd chaff sq	Ch'd seeds sq	Invert. sq	Moll sq	Large mammal bone >4 mm sq/mm/g	Small vertebrate bone sq/mm/g	Identifications and notes
															domestic but secure identification not possible)
3ii	61a	8095	AA	8.8/7	1950/1050	2/11/1	-	-	-	2	2	-	2/95/62	-	Large mammal: horse (*Equus* sp.) –fragments of mandible; ?horse (cf. *Equus* sp.) – fragment of lumbar vertebra
3	64	7083	AA	9/7	580/400	-	-	-	-	-	-	-	-	-	-
3	63	7367	AA	10/9	830/600	-	-	-	-	-	-	-	2/23/3.5	-	Large mammal: fragment of large ruminant (probably cattle) astragalus
3	63	7377	AA	1.5/1.25	100/75	-	-	-	-	1	-	-	-	-	Seeds: medium-sized grass (Poaceae)
3	63	7449	AA	4/4	435/350	-	-	-	-	-	-	-	2/18/1.5	-	Large mammal: 2x poorly preserved fragments of unerupted molar tooth enamel, possibly large ruminant
3	63	7500	AA	7.75	6.5	-	-	-	-	-	-	-	2/21/6	2/10/<0.1	-
3	64	7188	AA	6.25/4.5	1150/750	-	-	-	-	-	-	-	2/29/4	1/11/<0.1	Small vertebrate: frog/toad – humerus
3	63/64	9051	AA	10.5/7	1550/1000	-	-	-	-	-	-	-	2/40/14	-	Large mammal: ?pig (cf. *Sus* f. domestic) – fragment of acetabulum
3	63/64	9056	AA	9/7	950/850	-	-	-	-	-	-	-	2/22/4	-	-
3c	63	5553	AA	11.25/8	2450/1700	2/10/0.7	-	-	-	-	-	-	3/20/11	1/10/<0.1	Small vertebrate: frog/toad – metapodials and vertebra
3c	63	7079	AA	2.75/2	520/350	2/10/0.3	-	-	-	-	-	-	1/31/2	-	-
U	62	2412	AA	8/9	-/1000	-	-	-	-	-	-	-	-	-	-

Table 60: Samples from Healam Bridge processed at PRS – summary information regarding the non-biological content of the sample residues in context number order by Phase (and subphase) and Field. Key: 'CN' – context number; 'S' – sample; 'U' – unphased; 'Residue wt/vol (g/ml)' – weight/volume of residue in grammes/millilitres (recorded after sorting);'#' – number of items; 'mm' – maximum linear dimension in mm; 'g' –weight in grammes; 'Mag sq/g' – semi-quantitative estimate of hammerscale abundance and total weight of magnetised fraction. Semi-quantitative abundance scale: 1 – few/rare, up to 3 individuals/items or a trace level component of the whole; 2 – some/present, 4 to 20 items or a minor component; 3 – many/common, 21 to 50 or a significant component; 4 – very many/abundant, 51 to 200 or a major component; and 5 – super-abundant, over 200 items/individuals or a dominant component of the whole

Phase and sub-phase	Field	CN	S	Wt/V (kg/l)	Residue wt/vol (g/ml)	Pottery >4 mm #/mm/g	Fired earth >10mm #/mm/g	Flint >4mm #/mm/g	Coal >4mm #/mm/g	Metal >4mm #/mm/g	Silica ash 'slag' >4mm #/mm/g	Slag >4 mm sq/mm/g	Mag sq/g	Notes
1i	61a	8452	AA	9.25/8	1140/850	4/15/2	21/39/85	-	-	-	-	-	5/5.2	Pottery: very small, grey sherds Fired clay: relatively large lumps, some with a smoothed surface on one side
1ii	61a	8158	AA	7.7/7	870/650	-	-	-	-	-	-	-	-	-
1ii	61a	8225	AA	10.5/8	2050/1400	1/50/12	2/27/5.5	1/12/0.2	-	-	-	-	-	Flint: knapping debitage
1ii	61a	8296	AA	10.5/9	1200/900	3/12/0.5	-	-	-	-	7/23/3	-	-	Pale grey, glassy, vesicular 'slag'
1ii	61a	8324	AA	7.7/7	700/500	-	15/37/51	-	-	-	-	-	-	-
1ii	61a	8331	AA	4.8/5	-/2050	-	-	-	-	-	-	-	-	-
1ii	61a	8335	AA	5.75/4	750/500	-	-	-	-	-	-	-	-	-
1ii	61a	8501	AA	11.5/9	980/700	-	-	-	-	-	-	-	-	-
1	62	2319	AA	10.25/7.5	1250/800	-	-	-	-	-	-	-	1/0.2	-
1	62	2322	AA	11.25/8	920/550	-	-	-	-	-	-	-	2/0.4	-
1	62	2328	AA	13.75/10	1315/900	-	-	-	-	-	-	-	2/0.2	-
1	62	2481	AA	6.75/6	350/425	-	-	-	-	-	-	-	-	-
1	62	2482	AA	2.7/2	150/175	-	-	-	-	-	-	-	-	-
1	62	2590	AA	7/4.5	130/75	-	-	-	-	-	-	-	-	-
1	63	7484	AA	13.25/10	1200/800	2/28/5.5	2/20/3.5	-	-	2/17/4	-	1/26/8.5	5/1.3	Metal: 2x ferrous nails Slag: ?smithing slag

Phase and sub-phase	Field	CN	S	Wt/V (kg/l)	Residue wt/vol (g/ml)	Pottery >4 mm #/mm/g	Fired earth >10mm #/mm/g	Flint >4mm #/mm/g	Coal >4mm #/mm/g	Metal >4mm #/mm/g	Silica ash 'slag' >4mm #/mm/g	Slag >4 mm sq/mm/g	Mag sq/g	Notes
1a	63	5607	AA	7/5	730/450	1/14/0.2	-	-	-	-	-	-	2/1.7	Pottery: 1x possible sherd, very abraded
1a	63	6926	AA	10/8	350/250	3/25/2	4/14/3.5	-	-	-	-	-	-	Pottery: same fabric, probably the same vessel
1a	63	6927	AA	7/5	375/300	-	-	-	-	-	-	-	-	-
1a	63	7170	AA	10.25/9	630/500	2/36/17	78/37/189	-	-	-	-	-	3/0.4	Abundant fired earth Pottery: 2x Samian sherds, refitted
1a	63	7426	AA	9.5/7	665/450	-	2/32/12	-	-	-	-	-	2/1.8	-
1a	63	7647	AA	7.25/7	175/175	-	-	-	-	-	-	-	-	-
1a	63	7731	AA	11/8	390/350	-	14/25/30	-	-	-	-	-	-	Fired earth: possibly daub, vegetable tempered
1a	63	7781	AA	10/8	2685/2300	1/15/1	1/20/2	-	-	-	-	-	4/0.4	pottery: 1x piece of ?pottery, may be brick/tile
1b	63	7521	AA	10/9	2485/3000	1/19/1	-	-	-	-	-	-	-	-
1b	63	7640	AA	3/3	560/600	-	-	-	-	-	-	-	5/0.9	-
1b	63	7860	AA	10/7	1875/2200	4/67/19	1/18/1	-	15/18/15	7/85/147	-	115/45/268	5/626	Slag: ?smithing slag Metal: ferrous objects, highly corroded Mag: very high frequency of magnetised material with super-abundant hammerscale
1c	63	7463	AA	7.5/6	1500/1500	-	7/30/19	-	-	-	-	-	5/1.2	-
2	61a	8029	AA	11.5/9	825/675	-	2/28/5.5	-	-	-	-	-	-	Fired earth: vegetable tempered
2	61a	8178	AA	7.5/7	140/125	-	-	-	-	-	-	-	-	-

Phase and sub-phase	Field	CN	S	Wt/V (kg/l)	Residue wt/vol (g/ml)	Pottery >4 mm #/mm/g	Fired earth >10mm #/mm/g	Flint >4mm #/mm/g	Coal >4mm #/mm/g	Metal >4mm #/mm/g	Silica ash 'slag' >4mm #/mm/g	Slag >4 mm sq/mm/g	Mag sq/g	Notes
3ii	61a	8094	AA	8.5/7.5	1070/700	-	-	-	-	-	-	-	-	-
3ii	61a	8095	AA	8.8/7	1950/1050	1/9/0.2	-	-	-	-	-	-	2/0.1	-
3	64	7083	AA	9/7	580/400	-	1/18/2	-	-	-	-	-	4/1.1	-
3	63	7367	AA	10/9	830/600	1/22/3	2/18/2	-	-	-	5/26/6	-	4/2.5	Pottery: small rim sherd
3	63	7377	AA	1.5/1.25	100/75	-	3/20/5	-	-	-	-	-	3/0.3	-
3	63	7449	AA	4/4	435/350	2/43/7	4/23/7	-	-	-	4/14/2	-	4/0.9	Fired earth: some may be very abraded pottery sherds
3	63	7500	AA	7.75	6.5	3/75/32	2/18/4.5	-	-	-	-	1/12/1	5/0.8	Pottery: several different fabrics
3	64	7188	AA	6.25/4.5	1150/750	-	-	-	-	-	-	-	4/0.8	-
3	63/64	9051	AA	10.5/7	1550/1000	1/22/2	1/20/3	-	-	-	-	-	4/3.8	-
3	63/64	9056	AA	9/7	950/850	2/13/1	5/31/12	-	-	-	2/13/1	-	5/3.5	-
3c	63	5553	AA	11.25/8	2450/1700	6/51/31	3/20/3	-	-	-	-	-	3/1	Pottery: several different fabrics
3c	63	7079	AA	2.75/2	520/350	1/22/2	1/44/11	-	-	-	-	-	3/0.5	Fired earth: flat piece, layered, floor/hearth deposit?
U	62	2412	AA	8/9	-/1000	-	-	-	-	-	-	-	-	-

*Table 61: Hand-collected vertebrate remains from Fields 61 and 62. NB: * – part dog skeleton counted as 1 fragment*

Species		**Phase 1**	**Phase 2**	**Phase 3**	**Total**
Canis f. domestic	dog	1*	-	5	6
Equus sp.	equid	30	43	383	455
cf. *Equus* sp.	?equid	-	-	2	2
Sus f. domestic	pig	1	-	8	9
cf. *Cervus elaphus* L.	?red deer	-	-	2	2
Bos f. domestic	cattle	9	2	146	157
Ovis sp./*Capra* sp.	sheep/goat	3	-	19	22
Sub-total		*44*	*45*	*565*	*653*
large mammal		90	37	681	808
medium-sized mammal 1		7	3	47	57
unidentified		40	2	326	368
Sub-total		*137*	*42*	*1054*	*1233*
Total		**181**	**87**	**1619**	**1886**

*Table 62: Fragment counts (NISP – number of identified specimens), MNI (minimum number of individuals) values and frequencies for the main domestic mammals from Fields 61 and 62, by phase. NB: MNI frequencies for Phases 1 and 2 were not calculated). *excludes tooth fragments but not complete isolated teeth. Teeth were not used for the calculation of MNI values*

NISP						
	Phase 1	**%**	**Phase 2**	**%**	**Phase 3**	**%**
Equid	30	70	6*	75	227*	57
Pig	1	2	0	0	8	2
Cattle	9	21	2	25	146	37
Sheep/goat	3	7	0	0	19	5
MNI						
	Phase 1	**Phase 2**	**Phase 3**	**%**		
Equid	2	1	8	42		
Pig	1	0	2	11		
Cattle	1	1	7	37		
Sheep/goat	2	0	2	11		

Table 63: Total fragment counts (NISP) and MNI values for individual skeletal elements for equids from Fields 61 and 62, by phase. Not all elements were used to calculate MNI values

	Phase 1		**Phase 2**		**Phase 3**	
Skeletal element	NISP	MNI	NISP	MNI	NISP	MNI
maxilla + teeth	1	-	-	-	2	-
Mandible	-	-	-	-	11	3
isolated teeth	11	-	42	-	243	-
Scapula	-	-	-	-	5	4
Humerus	-	-	-	-	6	4
Radius	1	1	-	-	10	4
Ulna	-	-	-	-	5	4
metacarpal	1	1	-	-	8	5
Carpal	-	-	-	-	-	-
carpals/tarsals	-	-	-	-	3	-
Pelvis	3	2	1	1	20	8
Femur	2	1	-	-	14	6
Tibia	3	2	-	-	12	5
Astragalus	1	1	-	-	9	6
Calcaneum	2	2	-	-	2	1
Tarsal	1	-	-	-	-	-
metatarsal	-	-	-	-	6	5
metapodial	-	-	-	-	14	-
phalanx 1	2	1	-	-	6	2
phalanx 2	1	1	-	-	4	2
phalanx 3	1	1	-	-	2	1
Patella	-	-	-	-	1	-

Table 64: Total fragment counts (NISP) and MNI values for individual skeletal elements for cattle from Fields 61 and 62, by phase. Not all elements were used to calculate MNI values

	Phase 1		**Phase 2**		**Phase 3**	
Skeletal element	NISP	MNI	NISP	MNI	NISP	MNI
Horncore	2	1	1	1	10	5
maxilla + teeth	-	-	-	-	1	-
Mandible	3	1	-	-	9	4
isolated teeth	1	-	1	-	53	-
Scapula	-	-	-	-	14	7
Humerus	1	1	-	-	6	3
Radius	-	-	-	-	10	6
Ulna	-	-	-	-	5	3
metacarpal	-	-	-	-	9	5
Carpal	-	-	-	-	1	-
carpals/tarsals	-	-	-	-	2	-
Pelvis	-	-	-	-	4	2
Femur	-	-	-	-	1	1
Tibia	-	-	-	-	6	4
Astragalus	-	-	-	-	3	3
Calcaneum	1	1	-	-	4	3
Tarsal	-	-	-	-	-	-
metatarsal	1	1	-	-	7	4
metapodial	-	-	-	-	-	-
phalanx 1	-	-	-	-	1	1
phalanx 2	-	-	-	-	-	-
phalanx 3	-	-	-	-	-	-

Table 65: Hand-collected vertebrate remains from selected groups of Phase 3 deposits from Fields 61 and 62

	Spread		Ditch		Pit		
Species	2445	2466	2651	2654	2693	2853	**Total**
Dog	-	-	1	2	-	1	**4**
Equid	10	54	39	6	25	7	**141**
?Equid	-	-	1	-	-	-	**1**
Pig	-	-	-	1	1	1	**3**
?Red deer	-	-	-	2	-	-	**2**
Cattle	6	16	19	16	31	4	**92**
Sheep/goat	-	1	-	-	1	8	**10**
Large mammal	5	141	61	39	116	16	**378**
Medium-sized mammal	2	6	3	3	4	3	**21**
Unidentified	-	52	-	57	110	24	**243**
Total	**23**	**270**	**124**	**126**	**288**	**64**	**895**

*Table 66: Hand-collected vertebrate remains from Field 61a. NB: * – these bones represent a single skeleton*

Species		**Phase 1**	**Phase 2**	**Phase 3**	**Total**
Lepus sp.	hare	-	-	1	1
Canis f. domestic	dog	5	7	9	21
Equus sp.	horse	30	27	164	221
cf. *Equus* sp.	?horse	3	-	8	11
Sus f. domestic	pig	20	12	63	95
Cervus elaphus L.	red deer	-	-	1	1
cf. *Cervus elaphus* L.	?red deer	-	-	1	1
Bos f. domestic	cow	57	100	254	411
Ovis sp./*Capra* sp.	sheep/goat	44	64	121	229
Ovis f. domestic	sheep	6	3	7	16
Capra f. domestic	goat	-	-	54*	54
Sub-total		*165*	*213*	*683*	*1061*
large mammal		163	174	463	800
medium mammal 1		66	79	196	341
medium mammal 2		13	2	9	24
unidentified bird		-	-	2	2
unidentified		185	180	512	877
Sub-total		*427*	*435*	*1182*	*2044*
Total		**592**	**648**	**1865**	**3105**

Table 67:Fragment counts (NISP – number of identified specimens), MNI (minimum number of individuals) values and frequencies for the main domestic mammals from Field 61a, by phase. Teeth were not used for the calculation of MNI values

NISP						
	Phase 1	**%**	**Phase 2**	**%**	**Phase 3**	**%**
Equid	30	19	27	13	164	27
Pig	20	13	12	6	63	10
Cattle	57	36	100	49	254	42
Sheep/goat	50	32	67	33	128	21
MNI						
	Phase 1	**%**	**Phase 2**	**%**	**Phase 3**	**%**
Equid	2	12	2	14	4	12
Pig	3	18	2	14	5	15
Cattle	6	35	4	29	13	39
Sheep/goat	6	35	6	43	11	33

Table 68: Total fragment counts (NISP) and MNI values for individual skeletal elements for equids from Field 61a, by phase. Not all elements were used to calculate MNI values

	Phase 1		Phase 2		Phase 3	
Skeletal element	NISP	MNI	NISP	MNI	NISP	MNI
Cranium	-	-	-	-	43	-
maxilla + teeth	-	-	-	-	1	-
mandible	5	2	3	1	5	2
isolated teeth	6	-	5	-	28	-
Scapula	1	1	-	-	3	2
humerus	1	1	-	-	5	3
Radius	-	-	4	2	8	4
Ulna	1	1	-	-	2	2
metacarpal	2	-	1	1	5	4
Carpal	1	-	-	-	-	-
Pelvis	2	2	2	1	8	4
Femur	2	1	3	2	4	2
Tibia	1	1	2	2	2	2
astragalus	-	-	2	2	5	4
calcaneum	1	1	1	1	4	3
Tarsal	-	-	-	-	2	-
metatarsal	3	2	-	-	3	3
metapodial		-	2	-	8	-
phalanx 1	-	-	1	1	9	1
phalanx 2	-	-	-	-	3	1
phalanx 3	-	-	-	-	1	1
Patella	-	-	-	-	2	-
vertebra	4	-	-	-	10	-

Table 69: Total fragment counts (NISP) and MNI values for individual skeletal elements for cattle from Field 61a, by phase. Not all elements were used to calculate MNI values

	Phase 1		**Phase 2**		**Phase 3**	
Skeletal element	NISP	MNI	NISP	MNI	NISP	MNI
Horncore	-	-	1	-	19	8
Cranium	1	-	1	-	11	-
maxilla + teeth	1	-	3	-	3	-
Mandible	2	1	9	2	24	7
isolated teeth	8	-	17	-	30	-
Scapula	8	6	9	4	20	13
Humerus	4	3	8	4	9	5
Radius	1	1	6	3	10	3
Ulna	1	1	2	2	10	5
metacarpal	4	2	4	2	24	8
Carpal	-	-	1	-	1	-
carpals/tarsals	-	-	1	-	3	-
Pelvis	-	-	3	3	5	4
Femur	2	1	4	2	13	5
Tibia	3	2	5	3	12	6
Astragalus	2	1	4	3	9	6
Calcaneum	2	1	2	1	5	3
metatarsal	9	3	4	1	18	7
metapodial	-	-	-	-	2	-
phalanx 1	3	1	7	1	15	2
phalanx 2	2	1	4	1	1	1
phalanx 3	2	1	4	1	6	1
Patella	-	-	-	-	1	-

Table 70: Total fragment counts (NISP) and MNI values for individual skeletal elements for sheep/goats from Field 61a, by phase. Not all elements were used to calculate MNI values

	Phase 1		Phase 2		Phase 3	
Skeletal element	NISP	MNI	NISP	MNI	NISP	MNI
Horncore	-	-	1	1	4	2
Cranium	1	-	1	-	2	-
maxilla + teeth	-	-	-	-	1	-
Mandible	7	6	8	2	19	9
isolated teeth	6		8		12	-
Scapula	3	3	1	1	3	2
Humerus	2	1	9	6	7	3
Radius	6	4	8	5	10	4
Ulna	-	-	-	-	-	-
metacarpal	4	2	6	3	19	5
carpals/tarsals	-	-	-	-	-	-
Pelvis	2	2	1	1	2	1
Femur	2	1	-	-	2	2
Tibia	8	3	14	6	26	11
Astragalus	-	-	1	1	1	1
Calcaneum	-	-	1	1	2	1
metatarsal	8	3	4	1	14	3
metapodial	-	-	2	-	-	-
phalanx 1	-	-	1	1	2	1
phalanx 2	-	-	-	-	-	-
phalanx 3	1	1	-	-	-	-

Table 71: Total fragment counts (NISP) and MNI values for individual skeletal elements for pigs from Field 61a, by phase. Not all elements were used to calculate MNI values

	Phase 1		Phase 2		Phase 3	
Skeletal element	NISP	MNI	NISP	MNI	NISP	MNI
Cranium	3	-	-	-	-	-
maxilla + teeth	-	-	1	-	4	-
Mandible	4	2	3	2	16	2
isolated teeth	7	-	1	-	13	-
Scapula			2	2	5	4
Humerus	1	1	1	1	6	5
Radius	1	1	-	-	3	1
Ulna	-	-	-	-	3	2
metacarpal	-	-	2	1	2	1
carpals/tarsals	-	-	-	-	-	-
Pelvis	1	1	-	-	-	-
Femur	-	-	-	-	1	1
Tibia	3	3	2	1	6	3
Astragalus	-	-	-	-	-	-
Calcaneum	-	-	-	-	3	2
metatarsal	-	-	-	-	1	1
metapodial	-	-	-	-	-	-
phalanx 1	-	-	-	-	-	-
phalanx 2	-	-	-	-	-	-
phalanx 3	-	-	-	-	-	-

Table 72: Number of cattle mandibles and isolated teeth that could be assigned to the various age categories of O'Connor (2003) from Field 61a, by phase

Age category	Phase 1	Phase 2	Phase 3
Neonatal	-	-	-
Juvenile	-	-	1
Immature	-	-	-
Subadult	-	-	-
Subadult1	-	-	-
Subadult2	-	-	-
Adult1	-	-	-
Adult 2	-	-	-
Adult3	1	4	6
Elderly	-	2	3

Table 73: Number of sheep/goat mandibles that could be assigned to the various age categories of O'Connor (2003) from Field 61a, by phase

Age category	Phase 1	Phase 2	Phase 3
Neonatal	-	-	-
Juvenile	-	-	4
Immature	1	1	-
Immature/subadult	-	-	3
Subadult	4	-	6
Subadult1	1	2	-
Subadult2	-	-	-
Adult	-	1	1
Adult3	1		1
Elderly	-	-	-

Table 74: Number of sheep/goat mandibles that could be assigned to the various age categories of Payne (1973; 1987) from Field 61a, by phase

Age category	Phase 1	Phase 2	Phase 3
A (0-2 months)	-	-	-
B (2-6 months)	-	-	4
C 6-12 months)	1	1	-
C/D (6 months-2years)	-	-	3
D (1-2 years)	5	2	6
E (2-3 years)	-	-	-
E/F (2-4 years)	-	1	1
F (3-4 years)	-	-	-
G (4-6 years)	-	-	-
H 6-8 years)	1	-	1

Table 75: Number of pig mandibles that could be assigned to the various age categories of O'Connor (2003) from Field 61a, by phase

Age category	Phase 1	Phase 2	Phase 3
Neonatal	-	-	-
Juvenile	-	-	-
Immature	-	-	-
Subadult	-	-	-
Subadult1	3	-	1
Subadult2	-	1	1
Adult1	-	-	-
Adult 2	-	1	1
Adult3	-	-	-
Elderly	-	-	-

Table 76: Hand-collected vertebrate remains from Fields 63 and 64

Species		Phase 1	Phase 3	Total
Lepus sp.	hare	-	1	1
cf. *Lepus* sp.	?hare	-	1	1
Canid	canid	2	2	4
Canis f. domestic	dog	11	27	38
Felis f. domestic	cat	-	1	1
Equus sp.	equid	187	204	391
cf. *Equus* sp.	?equid	1	1	2
Sus f. domestic	pig	150	197	347
cf. *Sus* f. domestic	?pig	-'	2	2
Cervid	deer	-	2	2
Cervus elaphus L.	red deer	-	6	6
cf. *Cervus elaphus* L.	?red deer	1	1	2
Capreolus capreolus (L.)	roe deer	2	1	3
Bos f. domestic	cattle	452	651	1103
Ovis sp./*Capra* sp.	sheep/goat	384	320	704
Cf. *Ovis* sp./*Capra* sp.	?sheep/goat	1	-	1
Capra f. domestic	goat	1	1	2
cf. *Capra* f. domestic	?goat	1	1	2
Anser sp.	goose	1	3	4
Anas sp.	duck	7	2	9
Gallus f. domestic	chicken	10	9	19
Corvus corone L./*Corvus frugilegus* L.	crow/rook	-	4	4
Sub-total		*1211*	*1437*	*2648*
large mammal		1150	1658	2808
medium-sized mammal 1		813	761	1574
medium-sized mammal 2		6	3	9
unidentified bird		4	3	7
unidentified		187	494	681
Sub-total		*2160*	*2919*	*5079*
Total		**3371**	**4356**	**7727**

Table 77: Fragment counts (NISP – number of identified specimens), MNI (minimum number of individuals) values and frequencies for the main domestic mammals from Fields 63 and 64, by phase. Teeth were not used for the calculation of MNI values

NISP				
	Phase 1	**%**	**Phase 3**	**%**
Equid	187	16	204	15
Pig	150	13	197	14
Cattle	452	38	651	47
Sheep/goat	387	33	322	23
MNI				
	Phase 1	**%**	**Phase 3**	**%**
Equid	8	10	6	8
Pig	9	12	12	16
Cattle	16	21	32	42
Sheep/goat	45	58	26	34

Table 78: Total fragment counts (NISP) and MNI values for individual skeletal elements for equids from Fields 63 and 64, by phase. Not all elements were used to calculate MNI values

	Phase 1		**Phase 3**	
Skeletal element	NISP	MNI	NISP	MNI
Cranium	3	-	4	-
maxilla + teeth	-	-	1	-
Mandible	11	5	11	3
isolated teeth	39	-	50	-
Scapula	5	3	6	4
Humerus	11	7	9	4
Radius	17	8	5	3
Ulna	6	6	3	1
metacarpal	17	8	8	4
carpal/tarsal	-	-	1	-
Pelvis	9	3	7	3
Femur	6	5	10	5
Tibia	16	8	8	3
Astragalus	4	2	4	2
Calcaneum	5	3	8	6
Tarsal	1	-	3	-
metatarsal	9	7	10	5
metapodial	9	-	10	-
phalanx 1	8	2	15	3
phalanx 2	2	1	6	2
phalanx 3	6	2	9	3
Patella	1	-	2	-
Navicular	1	-	-	-

Table 79: Total fragment counts (NISP) and MNI values for individual skeletal elements for cattle from Fields 63 and 64, by phase. Not all elements were used to calculate MNI values

	Phase 1		**Phase 3**	
Skeletal element	NISP	MNI	NISP	MNI
Horncore	6	3	9	5
Cranium	0	-	4	-
maxilla + teeth	8	-	13	-
Mandible	47	11	68	22
isolated teeth	39	-	95	-
Scapula	20	11	32	16
Humerus	25	11	24	11
Radius	38	14	41	16
Ulna	10	8	18	10
metacarpal	34	14	43	24
Carpal	3	-	8	-
carpal/tarsal	6	-	1	-
Pelvis	18	7	38	11
Femur	16	4	12	4
Tibia	24	16	25	9
Astragalus	22	14	29	18
Calcaneum	15	7	31	14
Tarsal	2	-	2	-
metatarsal	35	12	68	32
metapodial	2	-	2	-
phalanx 1	43	3	47	3
phalanx 2	19	2	22	2
phalanx 3	12	1	14	2
Patella	3	-	3	-
Cuboid	5	-	2	-

Table 80: Total fragment counts (NISP) and MNI values for individual skeletal elements for sheep/goat from Fields 63 and 64, by phase. Not all elements were used to calculate MNI values

	Phase 1		Phase 3	
Skeletal element	NISP	MNI	NISP	MNI
Horncore	8	4	1	1
Cranium	4	-	4	-
maxilla + teeth	7	-	3	-
Mandible	92	45	63	26
isolated teeth	41	-	56	-
Scapula	13	7	3	2
Humerus	21	12	24	16
Radius	34	16	36	11
Ulna	7	4	5	4
metacarpal	25	13	24	11
Pelvis	21	9	21	12
Femur	7	3	2	1
Tibia	52	26	50	18
Astragalus	1	1	4	4
Calcaneum	3	2	4	4
metatarsal	43	19	15	5
phalanx 1	5	1	4	1
phalanx 2	-	-	1	1
phalanx 3	1	1	-	-

Table 81: Total fragment counts (NISP) and MNI values for individual skeletal elements for pigs from Fields 63 and 64, by phase. Not all elements were used to calculate MNI values

	Phase 1		Phase 3	
Skeletal element	NISP	MNI	NISP	MNI
Cranium	1	-	2	-
maxilla + teeth	10	-	15	-
Mandible	19	8	39	12
isolated teeth	13	-	45	-
Scapula	8	4	16	8
Humerus	14	9	13	9
Radius	7	3	6	4
Ulna	10	9	6	3
Metacarpal	10	2	6	2
Pelvis	10	4	8	3
Femur	6	2	4	3
Tibia	15	6	13	5
Astragalus	1	1	-	-
Calcaneum	6	3	4	3
Metatarsal	9	2	3	2
Metapodial	1	-	-	
phalanx 1	3	1	3	1
phalanx 2	-	-	1	1
phalanx 3	-	-	-	-
Fibula	6	-	2	-

Table 82: Hand-collected vertebrate remains from selected Phase 1 deposits from Fields 63 and 64

	Peat layer	Channel fills		Midden		Layer	
Species	**5201**	**5234**	**5238**	**5042**	**5237**	**5069**	**Total**
Canid	-	-	-	-	1	-	1
Dog	-	-	2	-	1	-	3
Equid	4	6	4	17	14	23	68
Pig	-	-	-	20	15	-	35
Roe deer	1	-	-	1		-	2
Cattle	-	6	3	49	55	11	124
Sheep/goat	-	1	-	37	25	-	63
?Goat	-	-	-	-	1	-	1
Duck	-	-	-	1	-	-	1
Chicken	-	-	-	2	4	-	6
Large mammal	1	6	2	128	125	27	289
Medium-sized mammal 1	-	-	-	107	82	3	192
Unidentified	-	-	-	35	35	-	70
Total	**6**	**19**	**11**	**397**	**358**	**64**	**855**

Table 83: Hand-collected vertebrate remains from selected Phase 3 midden deposits from Fields 63 and 64

	Midden deposits					
Species	**5002**	**5027**	**5028**	**5045**	**5068**	**Total**
?Hare	-	-	-	-	1	1
Dog	1	-	4	2	2	9
Cat	-	-	1	-	-	1
Horse	15	3	41	10	6	75
Pig	5	-	49	18	11	83
?Pig	-	-	1	-	-	1
Deer	-	-	2	-	-	2
Red deer	-	-	1	-	-	1
?Red deer	-	-	-	-	1	1
Cattle	23	31	183	30	27	294
Sheep/goat	3	2	120	31	17	173
Chicken	-	-	4	1	-	5
Unidentified bird	-	-	-	-	1	1
Large mammal	78	23	268	98	60	527
Medium-sized mammal 1	7	3	215	132	44	401
Medium-sized mammal 2	1	-	-	-	-	1
Unidentified	-	-	99	58	21	178
Total	**133**	**62**	**988**	**380**	**191**	**1754**

Table 84: Hand-collected vertebrate remains from selected Phase 3 ditches from Fields 63 and 64

	Ditches						
Species	**5044**	**5323**	**5397**	**5562**	**5639**	**6813**	**Total**
Canid	2	-	-	-	-	-	2
Dog	2	-	-	1	-	-	3
Equid	47	3	1	14	21	3	89
?Equid	-	-	-	1	-	-	1
Pig	37	4	6	7	8	3	65
Red deer	2	-	1	1	-	-	4
Cattle	111	25	9	38	21	17	221
Sheep/goat	41	2	2	14	7	4	70
Goat	1	-	-	-	-	-	1
?Goat	-	1	-	-	-	-	1
Duck	-	-	1	-	1	-	2
Chicken	1	-	1	-	-	1	3
Crow/rook	-	-	1	-	-	-	1
Unidentified bird	1	-	-	-	-	-	1
Large mammal	352	40	29	56	63	33	573
Medium-sized mammal 1	107	7	29	37	24	6	210
Medium-sized mammal 2	-	-	-	1	-	-	1
Unidentified	119	59	-	38	12	17	245
Total	**823**	**141**	**80**	**208**	**157**	**84**	**1493**

Table 85: Number of cattle mandibles that could be assigned to the various age categories of O'Connor (2003) from Fields 63 and 64, by phase

Age category	**Phase 1**	**Phase 3**
Neonatal	-	-
Juvenile	-	-
Immature	-	2
Subadult	1	-
Subadult1	-	1
Subadult2	1	1
Adult1	-	-
Adult 2	-	-
Adult3	5	12
Adult3/Elderly	4	3
Elderly	5	12

Table 86: Number of sheep/goat mandibles that could be assigned to the various age categories of O'Connor (2003) from Fields 63 and 64, by phase

Age category	Phase 1	Phase 3
Neonatal	-	-
Juvenile	1	2
Juvenile/Immature	-	1
Immature	7	8
Immature/Subadult	5	2
Subadult	23	11
Subadult1	9	3
Adult	3	-
Adult1	3	1
Adult2	2	1
Adult3	16	12

Table 87: Number of sheep/goat mandibles that could be assigned to the various age categories of Payne (1973; 1987) from Fields 63 and 64, by phase

Age category	Phase 1	Phase 3
A (0-2 months)	-	-
B (2-6months)	1	2
B/C (2-12 months)	-	1
C (6-12 months)	7	8
C/D (6 months -2 years)	5	2
D (1-2 years)	32	14
E (2-3 years)	8	2
F (3-4 years)	11	6
F/G (3-6 years)	1	-
G (4-6 years)	4	1
G/H (4-8 years)	-	1
H (6-8 years)	-	4

Table 88: Number of pig mandibles that could be assigned to the various age categories of O'Connor (2003) from Fields 63 and 64, by phase

Age category	Phase 1	Phase 3
Neonatal	-	-
Juvenile	-	-
Immature	2	1
Immature1	2	-
Immature2	-	-
Subadult	2	4
Subadult1	1	3
Subadult2	1	5
Adult1	-	1
Adult2	-	4
Adult3	-	-

Table 89: Summary statistics for equid withers heights by field and phase. Key: MIN= minimum withers height; MAX= maximum withers height; NO. = number of withers heights; SD= standard deviation

Field	Phase	MIN	MAX	MEAN	NO.	SD
F61A	Phases 1/2	1282.78	1303.42	1293.57	4	11.40
F61A	Phase 3	1257.97	1387.75	1310.71	5	54.74
F62	Phase 3	1183.62	1350.09	1259.19	9	45.33
F63/F64	Phase 1	1162.64	1541.60	1318.54	21	91.35
F63/F64	Phase 3	1178.61	1461.14	1286.33	17	62.57

Table 90: Summary statistics for shape indices for equids by phase. Phases amalgamated across the fields. Key: see Table 89

SD/GLx100					
Phase	**MIN**	**MAX**	**MEAN**	**NO.**	**SD**
Phase 1	12.82	15.37	14.33	9	0.87
Phase 3	13.46	15.29	14.49	9	0.59
Bd/GLx100					
Phase	**MIN**	**MAX**	**MEAN**	**NO.**	**SD**
Phases 1 and 2	19.87	23.28	21.56	21	0.89
Phase 3	20.08	23.28	21.76	9	1.13

Table 91: Summary statistics for cattle withers heights by field and phase. Key: see Table 89

Field	Phase	MIN	MAX	MEAN	NO.	SD
F63/64	Phase 1	1003.95	1320.10	1127.60	14	74.51
F62	Phase 3	1052.25	1238.02	1137.71	6	63.20
F63/64	Phase 3	1047.93	1248.05	1106.21	21	58.17

Table 92: Summary statistics for sheep/goat withers heights from Field 63 (no other field produced withers heights). Key: see Table 89

Phase	MIN	MAX	MEAN	NO.	SD
Phase 1	481.97	616.75	554.79	9	46.35
Phase 3	604.95	605.78	605.37	2	0.59

Table 93: Summary statistics for sheep/goat tibiae distal breadth measurements. (Remains from Fields 62, 63 and 64 amalgamated). Key: see Table 89

Phase	MIN	MAX	MEAN	NO.	SD
Phase 1	20.22	25.89	23.18	29	1.23
Phase 3	20.02	26.96	23.23	22	1.64

Table 94: Hand-collected vertebrate remains from Trenches 26, 27 and 28 – the Roman Road trenches within Fields 63 and 64

Species		**Phase 1**	**Phase 3**	**Total**
Canis f. domestic	dog	3	2	5
Equus sp.	equid	15	2	17
Sus f. domestic	pig	-	7	7
Bos f. domestic	cattle	10	44	54
Ovis sp./*Capra* sp.	sheep/goat	14	31	45
Sub-total		*42*	*86*	*128*
Large mammal		6	85	91
Medium-sized mammal 1		10	36	46
Medium-sized mammal 2		1	2	3
Unidentified bird		1	-	1
Unidentified		29	137	166
Sub-total		*47*	*260*	*307*
Total		**89**	**346**	**435**