SECTION 3: ANALYSIS AND SPECIALIST REPORTS

3.4 *Charred plant remains listed by site and context*

By A Milles

CEREALS

Site 1

Context				74	72	46	68	62	60	55	19	53	36
Phase				IA	IA	IB	IA	IB	IB	IB	IIA	IB	IIB
Vol of sample (1)				c 2	c 2	30	30	30	30	30	c 2	c 4	30
Vol of flot (ml)				45	34	600/4	400/2	850/4	700/4	500/4	15	60	150
No pl remains/1 earth				41	20.5	3.46	6.93	7.7	6.6	19.2	50.5	15.0	3.06
No gr/1 earth				-	4	0.86	0.26	3.43	1.13	21.5	47.5	4.5	0.16
Triticum glume base			spelt/emmer			2		1			1		
(wheat)	grain		spelt/emmer										
			cf. emmer gr								1		
			cf. spelt gr										
			T indet. gr										
Hordeum rachis			2-row										
(barley)			6-row					cf. 2					
			indet.					9		2	2		
	grain		pr str		1	2	1	10	5	24	8	4	1
			twsd		1	4		7	1	15	6		
			indet.							22	1		
			sm str			1	1	19	4	151	10		
			twsd		2	7		11	1	59	13	3	
			indet.		1			3		73	2		
			indet.			5					1		
	cf. Hordeum gr						3	12	5	11	9		1
Avena	grain		pr						1	7	3		
(oats)			sm					2		2	2		
	cf. Avena		gr			1				12	2		
	awns (mm)												
Cereal		gr indet.		2	1	6	3	39	17	271	37	11	3
cf. cereal			gr indet.		2								
Gram culm bases mm (no)				17 (6)			71 (30)	10 (3)	22 (8)			2 (1)	3 (1)
	aerial culm frags (mm)			55	29	63	135	4	131	15		30	11
	leaf frags (mm)			1			9		9	2			1
	nodes (no)												

Site 1 (Page 2)

Context				40	32	70	57	49	37	26	45
Phase				IIB	IIB	IA	IB	IIB	I/IIB	V	IIIC
Vol of sample (1)				15	97.5	15	100	15	37	15	3
Vol of flot (ml)				60	890	800/4	1240/2	125	810/4	160	-
No pl remains/1 earth				5	7.76	1.2	11.99	19.3	4.15	17.86	124.3
No gr/1 earth				1.4	0.46	0.66	9.56	13.3	1.18	13.2	42
Triticum glume base			spelt/emmer				2			1	1
(wheat)	grain		spelt/emmer				1				
			cf. emmer gr				1				
			cf.spelt gr								
			T indet. gr					cf. 1, 1			
Hordeum rachis			2-row								
(barley)			6-row				8, cf. 2				
			indet.	1	1		38	3	4	5	3
	grain		pr str	2	1		72	17		5	10
			twsd	2	2		26	12	2	6	13
			indet.	2			4	3	1	1	2
			sm str		1		217	32	11	26	20
			twsd	4	3		118	30	4	25	19
			indet.				70	13		23	6
			indet.				32	3		6	
	cf. Hordeum gr			1	5	1	89	21	5	13	14
Avena	grain		pr		3		19	2	2	1	
(oats)			sm		11		14	3		3	
	cf. Avena		gr		3		7	4			
	awns (mm)						10	3			
Cereal			gr indet.	10	16	9	284	67	16	89	42
cf cereal			gr indet.								
Gram culm bases mm (no)				4 (1)	13 (4)	2 (1)	10 (4)	14 (4)		3 (1)	4 (1)
	aerial culm frags (mm)			51	96	2	105	40	10	30	11
	leaf frags (mm)				5		4	4		4	
	nodes (no)					6		9	5		

Site 2

Context				16	14	11	13	5
Phase				I	I	I	I	I
Vol of sample (1)				32	2	7	50	32
Vol of flot (ml)				310	20	180	570	200
No pl remains/1 earth				2.31	176.8	13.1	6.68	1.28
No gr/1 earth				0.56	2	1.28	4.88	0.96
Triticum glume base			spelt/emmer					
(wheat)	grain		spelt/emmer					
			cf emmer gr					
			cf spelt gr					
			T indet. gr					
Hordeum rachis			2-row					
(barley)			6-row				2	
			indet.	2			8	
	grain		pr str				5	
			twsd				3	
			indet.					
			sm str				19	3
			twsd				11	2
			indet.				4	
			indet.				4	
	cf Hordeum gr						6	
Avena	grain		pr				13	2
(oats)			sm	9	1	4	82	12
	cf. Avena		gr	1	1	1	48	3
	awns (mm)				2	7	57	
Cereal			gr indet.	4	2	4	39	9
cf cereal			gr indet.					
Gram culm bases mm (no)					6 (2)		1	
	aerial culm frags (mm)			30	192		2	8
	leaf frags (mm)							2
	nodes (no)				1	11	1	2

Site 3 (page 1)

Context				55	56	37	101	87
Phase				I	I	II	V	V
Vol of sample (1)				15	c 2	c 2	c 2	30
Vol of flot (ml)				10	140	100	20	400
No pl remains/1 earth				0.13	168.5	1	4	3.4
No gr/1 earth				-	61	1	-	0.53
Triticum glume base			spelt/emmer		2			
(wheat)	grain		spelt/emmer					
			cf emmer gr					
			cf spelt gr					
			T indet. gr					
Hordeum rachis			2-row					
(barley)			6-row					
			indet.		1			
	grain		pr str		14			
			twsd		11			1
			indet.		1			
			sm str		19			1
			twsd		17	1		
			indet.		9			
			indet.		1			
	cf Hordeum gr				6			
Avena	grain		pr		4			
(oats)			sm		5			1
	cf Avena		gr					5
	awns (mm)				4			
Cereal			gr indet.		75	1		8
cf cereal			gr indet.					
Gram culm bases mm (no)					20 (9)			23 (7)
	aerial culm frags (mm)				146		8	70
	nodes (no)					8			5

Site 3 (page 2)

Context				102	65	113	112	111	109	108	107	97
Phase				IIIB	III	IIIA	IIIA	IIIA	IIIA	IIIA	IIIA	IIIA
Vol of sample (1)				2	30	c 6	2	4	2	2	c 2	c 2
Vol of flot (ml)				25	500	420	100	200	10	20	10	50
No pl remains/1 earth				-	1.3	6.6	2.5	4.25	-	0.5	0.5	1
No gr/1 earth				-	0.2	1.3	-	0.5	-	-	0.5	-
Triticum glume base			spelt/emmer									
(wheat)	grain		spelt/emmer									
			cf emmer gr									
			cf spelt gr									
			T indet. gr									
Hordeum rachis			2-row									
(barley)			6-row									
			indet.									
	grain		pr str			1						
			twsd									
			indet.									
			sm str			1					1	
			twsd									
			indet.									
			indet.									
	cf Hordeum gr											
Avena	grain		pr									
(oats)			sm									
	cf. Avena		gr									
	awns (mm)											
Cereal			gr indet.		6	5						
cf cereal			gr indet.									
Gram culm bases mm (no)					2 (1)			5 (1)				
	aerial culm frags (mm)				29	30	5	13				2
	leaf frag				1	2		1				

Site 3 (page 3)

Context				88	86	72
Phase				IIIA	IIIB	IIIB
Vol of sample (1)				19	4	c 2
Vol of flot (ml)				100	25	72
No pl remains/1 earth				4.78	0.75	1
No gr/1 earth		0.94		-	-	
Triticum glume base			spelt/emmer			
(wheat)	grain		spelt/emmer			
			cf emmer gr			
			cf spelt gr			
			T indet. gr			
Hordeum rachis			2-row			
(barley)			6-row			
			indet.			
	grain		pr str	1		
			twsd			
			indet.			
			sm str	1		
			twsd	1		
			indet.	1		
			indet.	4		
	cf Hordeum gr					
Avena	grain		pr	2		
(oats)			sm	1		
	cf Avena		gr	2		
	awns (mm)					
Cereal			gr indet.	5		
cf cereal			gr indet.			
Gram culm bases mm (no)				19 (6)		
	aerial culm frags (mm)			56		2
	leaf frags (mm)					
	nodes (no)				4	

Site 3 (page 4)

Context				106	68	50	51	77	76	66	91	93
Phase				IIIB	IIIB	IIIB	IIIB	IIIB	IIIB	III	IIIB	IIIB
Vol of sample (1)				c 2	30	116	40	c 2	2	30	c 2	4
Vol of flot (ml)				60	250	1470/2	1000/2	25	15	420	20	47
No pl remains/1 earth				8.5	1.43	0.90	2.67	1	1	4.56	2	2.5
No gr/1 earth				1.5	0.16	0.62	0.325	1	-	0.5	2	0.25
Triticum glume base			spelt/emmer									
(wheat)	grain		spelt/emmer									
			cf emmer gr									
			cf spelt gr									
			T indet. gr									
Hordeum rachis			2-row									
(barley)			6-row									
			indet.			1						
	grain		pr str			2	1					
			twsd									
			indet.									
			sm str			3						
			twsd		1	2	1		3			
			indet.		1	2						
			indet.			2						
	cf Hordeum gr						1					
Avena	grain		pr	2		4	1					
(oats)			sm			9	5		5			
	cf Avena		gr			1		2			2	
	awns (mm)						5					
Cereal			gr indet.	1	3	13	5			7	1	1
cf cereal			gr indet.								1	
Gram culm bases (mm) (no)						12 (4)	5 (92)					
	aerial culm frags (mm)			11	31	36	67		2	75		5
	leaf frags (mm)				3	4						
	nodes (no)			1	1	3	3			8		1

Site 4

Context				24	12	6	2	15	13	11	9
Phase				?I	I	I	II	I	I	I	I
Vol of sample (1)				c 15	c 15	c 32	c 15	?	?	?	?
Vol of flot (ml)				10		305	70	200	470	-	200+
No pl remains/1 earth				1.3	-	0.75	0.2	-	-	-	-
No gr/1 earth				0.2	-	0.56	0.13	-	-	-	-
Triticum glume base			spelt/emmer					1			
(wheat)	grain		spelt/emmer								
			cf emmer gr								
			cf spelt gr								
			T indet. gr								
Hordeum rachis			2-row								
(barley)			6-row								
			indet.								
	grain		pr str			1					
			twsd			1					
			indet.			1					1
			sm str								
			twsd			1			1		
			indet.			1					
			indet.				1				
	cf Hordeum gr										
Avena	grain		pr			1			1		
(oats)			sm			6			10		
	cf Avena		gr			3	1		1		
	awns (mm)										
Cereal			gr indet.	3		3		2	1		4
cf cereal			gr indet.								1
Gram culm bases mm (no)				9 (2)				25 (8)	35 (9)		7 (2)
	aerial culm frags (mm)			2				59	120		57
	leaf frags (mm)								4		
	nodes (no)						2	8		2	

WEEDS

Site 1

CONTEXT	74	72	46	68	62	60	55	19	53	36	40	32	70	57	49	37	26	45
Ranunculus acris/repens/bulbosa (buttercup)									cf. 1									
Cerastium holosteoides/Stellaria media (chickweed)														1	2			
Spergula arvensis (greather sea spurrey)																		
Scleranthus (knawel)			1															
Chenopodium/Caryophyllaceae									1									
Chenopodium/Atriplex			1			cf. 1			1			1		6				1
Geranium (cranesbill)																cf. 1		
G. molle/pusillum/lucidum												1						
Legume type																		
Rubus (blackberry)				7								1						1 nc. 2
Mercurialis perennis (dog's mercury)																		
Torilis (hedge parsley)																		cf. nc. 2
Polygonum (knotgrass)				1	cf. 1		cf. 1											
P. persicaria		1			cf. 1		1						2	1				
P. hydropiper (kernel)			1															
P. minus type				cf. 1						2	1				1			
Rumex (sorrell and docks)															1			
R. acetosa/sanguineus/conglomeratus											cf. 1	cf. 1						
Uritica dioica (stinging nettle)																		nc. 6
Erica sp. (heathers) immature ovaries																		
Stachys (wound wort)																		nc. 77
Galeopsis (hemp nettle)			cf.1									cf. 1						
G. tetrahid type				1														
Plantago lanceolata (plantain)																		
Lapsana communis (nipplewort)													cf. 2					
Eleocharis (spike rush)																		
E. palustris			1															
E. uniglumus																		
Carex (sedge)		cf. 1	1									3						
Small gram. (grass)			cf. 2										1					
Poa type																		
Immature ovary indet.																		
Seeds indet.	8	1	2	10	2	12	5	3	4	2	1	20	2	32	5	6	3	6
Modern seeds.											12							
Seaweed type (mm)	5		5	4	5	4	4		3	70		561		8	10	100	15	135
Hazelnutshell frags.	+		+	1/4	+	+	+		+	+	+	+	+	+	+	1/4	+	1/4
Bracken frond frags. (mm)															2			
Buds	5													9				

Site 2

CONTEXT	16	14	11	13	5
Ranunculus acris/repens/bulbosa (buttercup)					
Cerastium holosteoides/Stellaria media (chickweed)		cf. 1		cf. 1	
Spergula arvensis (greather sea spurrey)					
Scleranthus (knawel)					
Chenopodium/Caryophyllaceae			1		
Chenopodium/Atriplex					
Geranium (cranesbill)					
G. molle/pusillum/lucidum					
Legume type					
Rubus (blackberry)	1				
Mercurialis perennis (dog's mercury)					
Torilis (hedge parsley)					
Polygonum (knotgrass)					
P. persicaria		cf. 2			
P. hydropiper (kernel)					
P. minus type			cf. 1	1	
Rumex (sorrell and docks)	2 cf. 3	4	10	3	
R. acetosa/sanguineus/conglomeratus	2 cf.1	30cf.12	32cf.13	3	
Uritica dioica (stinging nettle)					
Erica sp. (heathers) immature ovaries	cf. 2		3dh.1	2	
Stachys (wound wort)					
Galeopsis (hemp nettle)					
G. tetrahid type					
Plantago lanceolata (plantain)				cf.1	
Lapsana communis (nipplewort)					
Eleocharis (spike rush)				cf. 1	
E. palustris					
E. uniglumus	cf. 2	cf. 2		cf.1	
Carex (sedge)	3	2	cf. 1	cf. 1	
Small gram. (grass)					
Poa type					
Immature ovary indet.					
Seeds indet.	9	47	12	15	
Modern seeds.					
Seaweed type (mm)	52			47	
Hazelnutshell frags.	+	+	+	+	
Bracken frond frags. (mm)	2.5		1	6	
Buds					

Site 3

CONTEXT	106	68	50	51	77	76	66	91	93	88	86	72	102	65	113	112	111	109	108	107	97	55	56	37	101	87
Ranunculus acris/repens/bulbosa (buttercup)																										
Cerastium holosteoides/Stellaria media (chickweed)				cf. 1																						1
Spergula arvensis (greather sea spurrey)																										
Scleranthus (knawel)																										
Chenopodium/Caryophyllaceae																										
Chenopodium/Atriplex																										
Geranium (cranesbill)																										
G. molle/pusillum/lucidum																										
Legume type																										
Rubus (blackberry)	1																									
Mercurialis perennis (dog's mercury)																										
Torilis (hedge parsley)																										
Polygonum (knotgrass)																										
P. persicaria			cf. 1				cf. 1			cf. 2																
P. hydropiper (kernel)																										
P. minus type									cf. 1																	
Rumex (sorrell and docks)			3 cf.1																							
R. acetosa/sanguineus/conglomeratus	1		cf. 2	cf. 1										cf. 1												
Uritica dioica (stinging nettle)																										
Erica sp. (heathers) immature ovaries																										
Stachys (wound wort)																										
Galeopsis (hemp nettle)																										
G. tetrahid type																										
Plantago lanceolata (plantain)																										
Lapsana communis (nipplewort)																										
Eleocharis (spike rush)																										
E. palustris																										
E. uniglumus																										
Carex (sedge)			1																							
Small gram. (grass)																							cf. 1			
Poa type											1															
Immature ovary indet.																										
Seeds indet														2							2	3				2
Modern seeds.											1											1				1
Seaweed type (mm)	390	265	2254	3908	25	15	1100	20	95	1450		3	6	300	420	130	200	4	9	8			1	16	10	553
Hazelnutshell frags.	+	+	1.5	0.75			+	+	+	1/4	+	+		+	+		+			+		+	+	+		+
Bracken frond frags. (mm)																										
Buds			1				1																			

Site 4								
CONTEXT	24	12	6	2	15	13	11	9
Ranunculus acris/repens/bulbosa (buttercup)								
Cerastium holosteoides/Stellaria media (chickweed)								
Spergula arvensis (greather sea spurrey)								
Scleranthus (knawel)								
Chenopodium/Caryophyllaceae								
Chenopodium/Atriplex								
Geranium (cranesbill)								
G. molle/pusillum/lucidum								
Legume type								
Rubus (blackberry)				3				
Mercurialis perennis (dog's mercury)								
Torilis (hedge parsley)								
Polygonum (knotgrass)								
P. persicaria								
P. hydropiper (kernel)								
P. minus type								
Rumex (sorrell and docks)		3	1	2,cf.1			1	
R. acetosa/sanguineus/conglomeratus	2				cf. 1			
Uritica dioica (stinging nettle)								
Erica sp. (heathers) immature ovaries								
Stachys (wound wort)								
Galeopsis (hemp nettle)								
G. tetrahid type								
Plantago lanceolata (plantain)					cf.1			
Lapsana communis (nipplewort)								
Eleocharis (spike rush)								
E. palustris								
E. uniglumus								
Carex (sedge)				1				
Small gram. (grass)								
Poa type							cf. 1	
Immature ovary indet.								
Seeds indet.	1		4		3	18		5
Modern seeds.		2					1	
Seaweed type (mm)	10		3		2	120		3
Hazelnutshell frags.	+		+		+	+		+
Bracken frond frags. (mm)				1	1			
Buds								