

## 5 Charred plant remains by John Summers and Gill Campbell

### List of charred plant remains (Table 1)

<b>SAMPLE NUMBER</b>	4072	4073	4138	4179
<b>CONTEXT NUMBER</b>	F1128(1)	F1112(9)	F1090(1)	F1089(2)
<b>FEATURE TYPE</b>	Enclosure ditch	Ritual shaft	Oven	Oven
<b>% SORTED</b>	100% >2mm, >1mm, >500um. 25% >250um.	25% >2mm, >1mm, >500um. 6.25% >250um.	100% >2mm, >1mm, >500um.	100% >2mm, >1mm, >500um. 25% >250um.
<b>TAXON</b>				
(Element if not seed)				
c.f. <i>Pteridium</i> sp. Gled. (Pinnules)	7	-	-	-
<i>Ranunculus</i> sp. L.	1	-	-	-
<i>Ranunculus</i> sp. L. (mineralized)	-	4	-	-
<i>Ranunculus</i> subgenus <i>Ranunculus</i> sp.	1	-	-	-
<i>Ranunculus acris/repens/bulbosus</i> L.	2	-	-	-
<i>Papaver</i> sp. L. (seed capsule)	1 fragment	-	-	-
<i>Papaver somniferum</i> L.	1	-	-	-
<i>Papaver rhoes/dubium/lecoqii/hybridum</i> L.	8	-	-	-
<i>Papaver argemone</i> L.	8	-	-	-
<i>Fumaria</i> sp. L.	2	-	-	-
<i>Urtica</i> sp. L.	1	-	-	-
<i>Urtica</i> c.f. <i>urens</i> L.	2	-	-	-
<i>Urtica urens</i> L.	4	-	-	-
<i>Urtica dioica</i> L.	4	-	-	-
<i>Corylus</i> c.f. <i>avellana</i> L.	1 / 2	-	-	-
Chenopodiaceae indet.	2	-	-	-
c.f. <i>Atriplex</i> sp. L.	2	-	-	-
<i>Atriplex</i> sp. L.	4	-	-	-
Caryophyllaceae indet.	1	-	-	-
<i>Arenaria</i> sp. L.	4	-	-	-
<i>Agrostemma githago</i> L. (capsule top)	1	-	-	-

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(Element if not seed)

c.f. <i>Agrostemma githago</i> L.	-	-	-	1
Polygonaceae indet.	13	-	-	1
<i>Polygonum</i> sp. L.	4	-	-	-
<i>Polygonum aviculare</i> L.	2	-	-	-
<i>Fallopia convolvulus</i> (L.) Á. Löve.	3	-	-	1
<i>Rumex</i> sp. L.	20	-	-	2
<i>Rumex</i> sp. L. (mineralized)	-	4	-	-
<i>Salix</i> sp. L. (bud)	1	-	-	-
<i>Potentilla</i> sp. L.	4	-	-	-
<i>Potentilla/Alchemilla</i> sp. L.	4	-	-	-
<i>Aphanes arvensis</i> L. sens. lat.	1	-	-	-
<i>Prunus spinosa</i> L.	1	-	-	-
<i>Prunus/Crataegus</i> sp. L. (thorn)	-	-	4	1
Fabaceae (small) indet.	17	-	-	3
c.f. <i>Vicia/Lathyrus</i> sp. L.	2	-	-	-
<i>Vicia/Lathyrus</i> sp. L.	5	-	-	-
<i>Vicia/Lathyrus/Pisum</i> sp. L.	-	-	-	1
<i>Medicago</i> sp. L. type	2	-	-	-
<i>Trifolium</i> sp. (mineralized calyx)	-	4	-	-
<i>Geranium molle</i> L. (mineralized)	-	4	-	-
Apiaceae indet.	2	-	-	-
<i>Torilis nodosa</i> (L.) Gaertner (mineralized)	-	4	-	-
<i>Hyoscyamus niger</i> L.	1	-	-	-
c.f. <i>Lithospermum arvense</i> L.	-	-	-	1
<i>Lithospermum arvense</i> L.	1	-	3	-
<i>Veronica arvensis</i> L.	12	-	-	-

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(Element if not seed)

<i>Plantago media/lanceolata</i> L.	-	-	1	-
<i>Euphrasia</i> L./ <i>Odontites</i> Ludwig Sp.	3	-	-	-
<i>Odontites</i> sp. Ludwig	1	-	-	-
<i>Odontites vernus</i> (Bell.) Dumort (mineralized)	-	8	-	-
<i>Legousia hybrida</i> (L.) Delarbre	2	-	-	-
<i>Sherardia</i> c.f. <i>arvensis</i> L.	1	-	-	-
<i>Sherardia arvensis</i> L.	3	-	-	-
<i>Galium</i> sp(p) L.	33	-	-	-
<i>Valerianella dentata</i> (L.) Pollich	1	-	-	-
c.f. Asteraceae (small) indet.	-	-	-	4
Asteraceae (small) indet.	3	-	-	-
Asteraceae (large) indet.	1	-	-	-
c.f. <i>Crepis capillaris</i> (L.) Wallr. (mineralized)	-	16	-	-
c.f. <i>Anthemis arvensis</i> L.	1	-	-	-
<i>Tripleurospermum</i> sp. Schultz. Bip.	2	-	-	-
<i>Eleocharis palustris</i> (L.) Roemer & Schultes type	1	-	-	-
c.f. Poaceae (small) indet.	4	-	-	-
Poaceae (small) indet.	92	16	2	-
Poaceae (large) indet.	405	-	4	1
Poaceae indet. (rachis)	1	-	-	-
Poaceae indet. (chaff)	1	-	-	-
<i>Lolium</i> sp. L.	9	-	-	-
c.f. <i>Glyceria</i> sp. R.Br. (mineralized)	-	4	-	-
c.f. <i>Avena</i> sp. L.	2	-	-	-

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<b>TAXON</b>				
(Element if not seed)				
<i>Avena</i> sp. L. type (awn fragments)	347	-	-	-
<i>Bromus</i> sp. L. type	1	-	-	-
<i>Triticum</i> sp. L.	52	-	-	7
<i>Triticum</i> sp. L. (glume bases)	-	-	1	-
<i>Triticum</i> sp. L. (spikelet forks)	11	-	-	-
<i>Triticum</i> sp. L. (chaff)	26	-	-	-
c.f. <i>Triticum dicoccum</i> (Schrank.) Schubl./ <i>spelta</i> L. type	1	-	-	-
<i>Triticum dicoccum</i> (Schrank.) Schubl./ <i>spelta</i> L. type	6	-	-	3
<i>Triticum dicoccum</i> (Schrank.) Schubl./ <i>spelta</i> L. (glume bases)	590	20	1	6
<i>Triticum dicoccum</i> (Schrank.) Schubl./ <i>spelta</i> L. (spikelet forks)	50	4	-	2
<i>Triticum dicoccum</i> (Schrank.) Schubl./ <i>spelta</i> L. (rachis internodes)	54	4	-	1
<i>Triticum spelta</i> L. type	2	-	-	-
<i>Triticum spelta</i> L. (glume bases)	15	4	-	2
<i>Triticum spelta</i> L. (spikelet forks)	1	-	-	-
<i>Triticum spelta</i> L. (rachis internodes)	5	-	-	-
c.f. <i>Secale/Hordeum</i> sp. L. (rachis)	1	-	-	-
<i>Secale/Hordeum</i> sp. L. (rachis)	42	-	1	-
<i>Hordeum</i> sp. L.	40	-	-	2
<i>Hordeum</i> sp. L. (hulled)	19	-	-	-
<i>Hordeum</i> sp. L. (hulled straight)	2	-	-	-

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(Element if not seed)

<i>Hordeum</i> sp. L. (hulled twisted)	3	-	-	-
<i>Hordeum</i> sp. L. (rachis)	23	-	-	-
<i>Hordeum</i> sp. L. (6x rachis)	6	-	-	2
Cereales indet.	417	20	26	61
Cereales indet. (rachis)	27	-	-	-
Cereales indet. (rachilla)	1	-	-	-
Cereales indet. (chaff)	16	4	-	-
Cereales/Poaceae indet. (mineralized)	-	32	-	-
Cereal size embryos	6	-	-	-
Cereal size culm nodes	5	-	-	-
Cereal size culm bases	9	-	-	-
Grass size embryos	39	-	-	-
Grass size culm nodes	1	-	-	-
Monocot stems	+	-	-	-
Straw/monocot stem fragments (mineralized)	-	348	-	-
Monocot rhizome stems	3	-	-	-
Roots/rhizomes (mineralized)	-	210	-	-
Moss fragments	-	4	-	-
Leaf fragments (mineralized)	-	20	-	-
Indeterminate mineralized plant fragments	-	444	-	-
Seed capsule fragments	-	4	-	-
Indeterminate seeds	221	32	5	20
Indeterminate seeds (mineralized)	-	88	-	-
IGNOTA	16	-	1	4

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<b>TAXON</b>				
(Element if not seed)				
IGNOTA (mineralized)	-	732	-	-
Fungal body	-	4	-	-
Mineralized mystery objects (Carruthers 1988)	-	24	-	-
Fly larva (Diptera indet.)	2	-	-	-
Dung beetle ( <i>Geotrupes</i> sp.) front right tibia	-	-	-	1
Fish scales	-	104 fragments	-	-
Spheroidal hammer scale	1	-	-	-
Number of items identified	2779	2050	49	127
Number of litres sieved	2 buckets (25 litres)	2 buckets (25 litres)	8.5Kg (8.5 litres)	2.9Kg (2.9 litres)
Items per litre	111.16	82	5.76	43.79
Total wheat grain	61	0	0	10
Total barley grain	64	0	0	2
Total identified grain	125	-	-	12
%wheat	49%	-	-	83%
%barley	51%	-	-	17%
Corrected total wheat	265	-	-	61
Corrected total barley	277	-	-	12
Total wheat glume bases	729	32	2	12
Total barley rachis	87 (corrected total)	0	1	2
<b>Ratio 1</b>	2.75:1	-	-	0.2:1
<b>Ratio 2</b>	0.31:1	-	-	0.17:1

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**TAXON**

(Element if not seed)

Total number of cereal grains

542

20

26

73

Total number of weeds

705

48

15

35

**Ratio 3**

1.3:1

2.4:1

0.58:1

0.48:1

*Charcoal from figure-of-eight ovens (Table 2)*

	SAMPLE CONTEXT	4179 F1089/1			4138 F1090/1		
		>4mm	4-2mm	weight in g	>4mm	4-2mm	weight in g
<i>Quercus</i> sp.	oak	22	3	0.68	-	-	-
cf. <i>Quercus</i> sp.	oak	1	1	0.033	-	-	-
<i>Prunus</i> sp.	bullace, plum, sloe, etc.	1	1	0.126	2		0.033
Maloideae	hawthorn, apple, whitebeam, etc.	-	-	-	2		0.059
cf. Maloideae	hawthorn, apple, whitebeam, etc.	-	-	-	-	1	0.007
<i>Cornus sanguinea</i> L.	dogwood	-	-	-	-	1	0.013
cf. <i>Cornus sanguinea</i> L.	dogwood	-	-	-	-	1	0.014
<i>Indeterminate twigs</i>		-	-	-	4	7	0.184