

## 5 List of charred plant remains from Roman contexts by Gill Campbell

Table 1. Charred plant remains from Roman contexts

TAXON (element if not a seed)	SAMPLE CONTEXT FEATURE TYPE	3893	3871	4060	3894	3831	3892	3895 <sup>1</sup>	3828	3836	3833
		F883/5 tile hearth	F943/3 smithying hearth	F995/1 Oven, large 2a/ corndrier	F951/3 Oven, keyhole (2b)	F931/3 Oven, dumb- bell (2a)	F893/3 4 Ditch	F882/1 2 Ditch	F919/2 Corndrier central chamber	F920/2 Corndrier flue	F939/2 Corndrier stokehole
		100%	100%	100%	100%	100%	50%	25%	50%	100%	25%
<i>Pinus pinea</i> L. (nutshell fragment)		11	-	-	-	-	-	-	-	-	-
<i>Ranunculus</i> sp.		1	-	-	-	-	-	-	-	-	-
<i>Papaver somniferum</i> L.		-	-	1	3	-	-	2	-	-	-
<i>P. rhoeas/dubium/hybridum</i>		-	-	-	-	-	-	1	1	-	-
<i>Papaver</i> sp.		2	-	-	-	-	-	1	4	-	2
cf. <i>Alnus glutinosa</i> (L.) Gaertn. (fruiting catkin)		-	-	-	-	2	-	-	-	2	-
<i>Corylus avellana</i> L. (nut shell fragment)		1	-	1	-	-	-	-	-	-	-
<i>Chenopodium murale</i> L.		-	-	-	-	-	-	-	-	-	1
<i>Silene</i> cf. <i>latifolia</i> Poir.		-	-	-	-	-	-	3	-	-	-
<i>Silene</i> sp.		-	-	-	-	-	-	-	1	-	-
Caryophyllaceae indet. (capsule fragment)		-	-	-	-	-	-	-	1	-	-
<i>Persicaria</i> sp.		-	-	-	-	-	-	-	-	-	1
<i>Rumex</i> spp.		2	-	11	5	1	-	2	-	3	6
cf. <i>Rumex</i> sp.		-	-	2	-	-	-	-	-	-	-
Polygonaceae indet.		-	-	-	-	-	-	-	1	-	1
<i>Salix</i> sp. (bud)		-	-	-	-	-	-	-	-	7	-
<i>Rosa</i> sp.		-	-	-	-	8	-	-	-	-	-
<i>Rubus/Rosa</i> type (thorn)		-	-	-	1	-	-	-	-	-	-
cf. <i>Crataegus</i> sp.		-	-	-	-	-	-	-	-	-	1
<i>Prunus/Crataegus</i> type (thorn)		-	-	-	5	-	-	-	-	-	1
cf. <i>Lens culinaris</i> Medik		-	-	-	-	1	-	-	-	-	-
<i>Vicia/Lathyrus</i> sp.		-	-	-	1	-	-	1	2	-	-
cf. <i>Vicia/Lathyrus</i> sp.		-	-	-	-	-	-	-	1	-	-
<i>Vicia/Lathyrus/Pisum</i> sp.		-	-	-	1	-	-	-	-	-	-

<b>TAXON</b> (element if not a seed)	<b>SAMPLE CONTEXT FEATURE TYPE</b>	3893 F883/5 tile hearth	3871 F943/3 smithying hearth	4060 F995/1 Oven, large 2a/ corndrier	3894 F951/3 Oven, keyhole (2b)	3831 F931/3 Oven, dumb- bell (2a)	3892 F893/3 4 Ditch	3895 <sup>1</sup> F882/1 2 Ditch	3828 F919/2 Corndrier central chamber	3836 F920/2 Corndrier flue	3833 F939/2 Corndrier stokehole
		100%	100%	100%	100%	100%	50%	25%	50%	100%	25%
<i>Medicago lupulina</i> L.		-	-	-	-	-	-	-	-	1	-
<i>Medicago</i> type		-	-	2	-	-	-	-	4	9	5
Fabaceae (small) indet.		5	-	25	5	1	-	-	8	35	11
Fabaceae indet. (pod fragment)		-	-	1	1	-	-	1	2	1	-
cf. <i>Conium maculatum</i> L.		-	-	1	-	-	-	-	-	-	-
Apiaceae indet.		1	-	1	2	-	-	-	-	-	-
<i>Lithospermum arvense</i> L.		4	-	3	-	-	-	-	1	-	10
<i>Glechoma hederacea</i> L.		-	-	-	-	-	-	-	1	-	-
<i>Prunella vulgaris</i> L.		-	-	-	-	-	-	-	-	2	1
<i>Plantago major</i> L.		-	-	1	-	-	-	-	-	-	-
<i>Plantago media/lanceolata</i>		2	-	3	1	2	-	-	1	36	1
cf. <i>Plantago</i> sp.		-	-	-	-	-	-	-	-	2	-
<i>Euphrasia/Odontites</i> sp.		7	-	2	1	-	-	-	1	3	-
cf. <i>Rhinanthus minor</i> L.		-	-	1	1	-	-	-	-	1	-
Campanulaceae indet.		-	-	-	-	-	-	-	-	1	-
<i>Sherardia arvensis</i> L.		-	-	2	-	-	-	-	-	-	-
<i>Galium cf. aparine</i> L.		-	-	2	1	-	-	3	1	-	-
<i>Galium</i> sp.		-	-	-	-	-	-	-	-	6	-
Rubiaceae indet.		-	-	1	-	-	-	-	1	-	1
<i>Sambucus nigra</i> L.		-	-	-	-	-	-	-	-	-	1
<i>Centaurea cf. scabiosa</i> L.		-	-	1	-	-	-	-	-	-	-
<i>C. cf. nigra</i> L.		-	-	1	-	-	1	-	-	1	1
<i>Centaurea</i> sp.		-	-	-	-	-	1	-	-	-	-
<i>Lapsana communis</i> L.		-	-	-	-	-	-	1	1	-	-
<i>Anthemis arvensis</i> L.		-	-	-	-	-	-	-	-	3	1
<i>A. cotula</i> L.		1	-	6	-	-	-	-	15	5	42
<i>Tripleurospermum</i> sp.		1	-	1	-	-	-	1	1	-	5
<i>Bidens</i> sp.		-	-	1	-	-	-	-	-	-	-

TAXON (element if not a seed)	SAMPLE CONTEXT FEATURE TYPE	3893	3871	4060	3894	3831	3892	3895 <sup>1</sup>	3828	3836	3833
		F883/5 tile hearth	F943/3 smithying hearth	F995/1 Oven, large 2a/ corndrier	F951/3 Oven, keyhole (2b)	F931/3 Oven, dumb- bell (2a)	F893/3 4 Ditch	F882/1 2 Ditch	F919/2 Corndrier central chamber	F920/2 Corndrier flue	F939/2 Corndrier stokehole
		100%	100%	100%	100%	100%	50%	25%	50%	100%	25%
Asteraceae (large) indet.		-	-	-	-	1	-	-	-	-	-
Asteraceae (small) indet.		-	-	7*	1	-	1	-	1	-	1
cf. <i>Schoenoplectus lacustris</i> (L.) Palla		-	-	-	-	-	-	-	-	1	-
<i>Carex</i> spp.		3	-	-	-	-	-	-	4	7	6
Cyperaceae indet.		-	-	2	1	-	-	-	-	-	-
<i>Bromus</i> sp.		-	-	3	1	-	6	-	-	-	-
cf. <i>Bromus</i> sp.		1	-	1	1	-	1	-	1	-	1
<i>Anisantha</i> sp.		-	-	-	-	-	1	-	-	-	-
<i>Lolium</i> sp.		3	-	3	-	-	3	24	2	5	13
cf. <i>Lolium</i> sp.		-	-	-	-	-	-	-	2	-	-
<i>Poa annua</i> type		24	-	3	2	-	-	-	3	1	7
<i>Avena</i> sp.		-	-	-	1	-	1	-	1	-	1
<i>Avena</i> type (twisted awn)		-	-	-	-	-	-	4	-	-	-
Poaceae (large) indet.		4	-	6	5	-	3	2	5	5	4
Poaceae (small) indet.		100	-	49	17	1	6	20	29	42	53
Poaceae indet. (floret base)		-	-	-	-	-	-	-	3	-	-
Poaceae indet. (chaff)		-	-	-	-	-	-	1	2	-	-
<i>Triticum</i> cf. hexaploid free-threshing (rachis)		-	1	-	-	-	-	-	-	-	-
<i>Triticum</i> sp. free-threshing (rachis)		-	-	-	-	-	1	-	-	-	-
<i>Triticum spelta</i> L. (glume base)		7	2	21	-	-	26	18	20	84	16
<i>T. spelta</i> L. (spikelet fork)		-	-	1	-	-	2	4	-	-	3
<i>T. spelta</i> L. (terminal spikelet fork)		-	-	-	-	-	1	-	-	-	-
<i>T. spelta</i> L. (rachis internode)		3	-	8	-	-	1	1	11	2	2
<i>T. spelta</i> type (grain)		-	-	3	-	-	19	6	-	-	7
<i>T. spelta</i> type (sprouted grain)		-	-	-	-	-	-	-	-	1	-
<i>T. cf. spelta</i> L. (spikelet)		-	-	-	-	-	1	-	-	-	-
<i>T. cf. spelta</i> L. (glume base)		-	-	4	-	-	7	-	1	9	7

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	CONTEXT FEATURE TYPE	F883/5 tile hearth	F943/3 smithying hearth	F995/1 Oven, large 2a/ corndrier	F951/3 Oven, keyhole (2b)	F931/3 Oven, dumb- bell (2a)	F893/3 4 Ditch	F882/1 2 Ditch	F919/2 Corndrier central chamber	F920/2 Corndrier flue	F939/2 Corndrier stokehole
		100%	100%	100%	100%	100%	50%	25%	50%	100%	25%
<i>T. cf. spelta</i> L. (spikelet fork)		-	-	1	-	-	-	-	-	-	-
<i>T. cf. spelta</i> type (grain)		4	-	-	-	-	-	-	2	-	-
<i>T. dicoccum/spelta</i> (glume base)		23	-	162	12	-	28	2	62	214	57
<i>T. dicoccum/spelta</i> (spikelet fork)		-	12	18	1	-	3	2	4	1	16
<i>T. dicoccum/spelta</i> (rachis internode)		4	-	-	-	-	-	-	5	10	16
<i>T. dicoccum/spelta</i> type (grain)		3	-	4	2	1	22	5	12	1	20
<i>T. dicoccum/spelta</i> type (sprouted grain)		2	-	-	-	-	-	-	1	2	-
<i>Triticum</i> sp. (grain)		15	-	22	4	2	13	-	52	9	65
<i>Triticum</i> sp. (sprouted grain)		-	-	1	-	-	-	2	-	1	-
<i>Triticum</i> sp. (glume base)		5	1	-	-	-	-	12	8	40	5
<i>Triticum</i> sp. (spikelet fork)		1	-	3	-	-	-	-	1	-	-
<i>Triticum</i> sp. (rachis internode)		-	-	6	2	1	-	1	1	-	-
<i>Triticum</i> sp. (basal rachis node)		-	-	-	-	-	-	-	1	-	1
<i>Triticum</i> sp. (rachis/glume base)		7	-	12	-	-	-	-	6	-	-
cf. <i>Triticum</i> sp. (grain)		-	1	-	-	-	-	-	-	-	-
cf. <i>Triticum</i> sp. (sprouted grain)		-	-	-	1	-	-	-	-	-	-
cf. <i>Triticum</i> sp. (rachis internode)		-	-	6	-	-	-	-	-	-	-
<i>Triticum/Secale</i> sp. (awn)		1	-	-	-	-	20	-	3	-	18
<i>Triticum/Secale</i> sp. (silicified awn)		-	-	-	-	-	-	-	9	-	11
<i>Hordeum vulgare</i> L. (rachis)		-	-	4	-	-	1	3	9	-	4
<i>Hordeum</i> sp. (hulled straight grain)		-	-	-	2	-	11	60	-	-	4
<i>Hordeum</i> sp. (hulled twisted grain)		-	-	3	-	-	30	61	-	-	4
<i>Hordeum</i> sp. (hulled grain)		-	-	3	6	-	131	245	1	1	16
<i>Hordeum</i> sp. (sprouted hulled grain)		-	-	-	-	-	1	7	-	-	-
<i>Hordeum</i> sp. (grain)		1	-	-	-	-	3	6	9	1	13
<i>Hordeum</i> sp. (floret base)		-	-	-	-	-	7	8	3	1	-
<i>Hordeum</i> sp. (awn)		-	-	-	-	-	41	-	-	1	1
<i>Hordeum</i> sp. (rachis)		2	-	2	5	-	3	4	2	-	5

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		100%	100%	100%	100%	100%	50%	25%	50%	100%	25%
<i>Secale/Hordeum</i> sp. (rachis)		-	-	2	5	-	3	4	9	1	5
Cereales indet. (grain)		30	3	43	17	5	74	29	87	15	194
Cereales indet. (chaff)		-	-	-	-	-	2	-	-	-	-
Cereal size (embryo)		-	-	2	8	-	26	24	35	2	16
Cereal size (sprout)		3	-	8	2	1	-	-	2	31	1
Cereal size (culm node)		-	-	2	2	-	1	-	2	1	-
Grass size (embryo)		-	-	-	1	-	-	1	-	-	-
Grass size (sprout)		-	-	-	1	-	-	-	-	-	-
monocot stem		-	-	++	+	++	-	-	+	+	+
herbage		+	-	-	-	-	+	-	-	-	-
abscisson pad		-	-	-	-	1	-	-	-	-	-
buds		-	-	-	21	26	-	-	-	6	-
bud scales		-	-	-	-	8	-	-	-	-	-
small leaves from buds		-	-	-	31	8	-	-	-	-	-
catkin fragments		-	-	-	-	40	-	-	-	11	-
twigs		-	-	-	++	++++	-	-	-	++	-
Indeterminate seed		-	1	19	17	6	-	-	2	12	4
Indeterminate ?seed case		-	-	2	-	-	-	-	-	-	9
mouse dropping		-	-	-	-	-	-	-	1	-	-
IGNOTA		10	1	-	-	1	3	1	4	-	-
fungal bodies		-	-	-	-	-	-	-	3	-	-
egg shell		-	-	-	+	-	-	-	-	-	-
Mineralised mystery object (Carruthers 1988)		-	-	6	-	-	-	-	-	-	-
Number of items identified		294	22	499	197	117	505	573	466	636	698
Number of litres sieved		6	5.7	25	12	10	2	20	25	25	25
Items per litre		49	3.9	20.0	16.4	11.7	252.5	57.3	74.6	25.4	111.7

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		100%	100%	100%	100%	100%	50%	25%	50%	100%	25%
Total wheat grain		24	1	30	7	3	54	13	67	14	92
Total barley grain		1	0	6	8	0	176	379	10	2	37
Total identified grain		25	1	36	15	3	230	392	77	16	129
%wheat		96.0	100.0	83.3	46.7	100.0	23.5	3.3	87.0	87.5	71.3
%barley		4.0	0.0	16.7	53.3	0.0	76.5	96.7	13.0	12.5	28.7
Corrected total wheat		52.8	4.0	65.8	14.9	8.0	71.4	14.0	142.7	27.1	230.4
Corrected total barley		1.3	0.0	8.6	9.4	0.0	306.2	488.9	18.7	2.3	108.8
Total wheat chaff		37	27	233	14	0	73	44	101	349	123
Total barley chaff		2	0	8	10	0	7	11	20	1	14
<b>Ratio 1</b>		<b>0.70</b>		<b>3.54</b>	<b>0.94</b>		<b>1.02</b>	<b>3.15</b>	<b>0.71</b>	<b>12.87</b>	<b>0.53</b>
<b>Ratio 2</b>							<b>0.02</b>	<b>0.02</b>	<b>1.07</b>		<b>0.13</b>
Total number of cereal grains		55		79	32	8	304	421	164	31	323
Total number of weeds		159		141	62	12	24	63	95	178	172
<b>Ratio 3</b>		<b>2.9</b>		<b>1.8</b>	<b>1.9</b>	<b>1.5</b>	<b>0.1</b>	<b>0.1</b>	<b>0.6</b>	<b>5.7</b>	<b>0.5</b>

<sup>1</sup>Plus 1000's of fragmentary grains

\*in a cluster, part of a seed head