

4 Charred and mineralized plant remains by Gill Campbell

Table 1. Charred and mineralized plant remains from Early Iron Age features at Flint Farm excavated in 2004

	Sample	4300	4335	4319	4320	4344
	Context	F1312/3	F1317/7	Ph 1492/1	Ph 1492	F1335/1
	% of sample analysed	100	100	100	100	100
	feature type	ditch	pit	post-hole	post-hole	ditch
TAXA (element if not a seed)						
<i>Ranunculus acris/repens/bulbosus</i>		-	-	-	1	6
<i>Ranunculus</i> Subgenus <i>Ranunculus</i>		-	1	-	-	-
<i>Ranunculus</i> Subgenus <i>Ranunculus</i> - mineral-replaced		-	-	-	-	2
<i>Papaver somniferum</i> L.		-	7	-	-	-
<i>P. rhoeas/dubium/hybridum</i>		-	2	-	-	-
<i>P. argemone</i> L. - mineral-replaced		-	-	-	-	1
<i>P. argemone</i> L. - silica		-	-	-	3	-
<i>Papaver</i> sp.		1	-	1	-	2
<i>Papaver</i> sp. - mineral-replaced		-	-	-	-	15
<i>Papaver</i> sp. (capsule top)		-	1	-	-	-
cf. <i>Papaver</i> sp.		-	2	-	-	-
<i>Fumaria</i> sp.		1	2	-	-	3
<i>Urtica urens</i> L. - mineral-replaced		-	-	-	-	14
<i>Chenopodium</i> cf. <i>album</i> L.		3	2	5	-	3
<i>Atriplex</i> sp.		3	-	13	17	1
Chenopodiaceae indet.		-	-	10	-	-
Chenopodiaceae indet. - mineral-replaced		-	-	-	-	11
<i>Stellaria media</i> gp.		-	1	1	3	1
<i>Silene</i> sp.		-	-	-	1	1
Caryophyllaceae indet.		-	3	-	-	-
cf. Caryophyllaceae indet. - mineral-replaced		-	-	-	-	12
Chenopodiaceae/Caryophyllaceae indet.		-	1	-	7	-
Chenopodiaceae/Caryophyllaceae indet.- mineral-replaced		-	-	-	-	1
<i>Viola</i> Subgenus <i>Melanium</i> - mineral-replaced		-	-	-	-	1
<i>Polygonum aviculare</i> agg.		-	-	-	2	1
<i>Fallopia convolvulus</i> (L.) Á. Löve		2	-	2	3	7
<i>Rumex</i> sp(p).		61	1	1	4	34
<i>Rumex</i> sp(p).- mineral-replaced		-	-	-	-	14
Polygonaceae indet.		-	1	4	1	2
<i>Salix</i> sp. (bud)		-	-	1	-	-
<i>Thlaspi arvense</i> L.		-	-	-	-	1
cf. <i>Brassica</i> sp.		-	-	-	-	1
<i>Brassica/Sinapis</i> sp.- mineral-replaced		-	-	-	-	2
<i>Calluna vulgaris</i> (L.) Hull (stem)		-	-	-	-	1
Primulaceae indet.		-	-	-	-	1
<i>Potentilla</i> sp.		-	10	-	-	-
<i>Sanguisorba minor</i> Scop.		2	-	-	-	-
<i>Aphanes arvensis</i> sens. lat.		-	1	-	-	-
? <i>Potentillai</i> sp.- mineral-replaced		-	-	-	-	2
<i>Medicago lupulina</i> L.		-	-	1	2	1
Fabaceae (small) indet.		3	2	3	6	3

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% of sample analysed	100	100	100	100	100
feature type	ditch	pit	post-hole	post-hole	ditch
<i>Linum catharticum</i> L. - mineral-replaced	-	-	-	-	15
<i>Torilis</i> cf. <i>arvensis</i> (Hudson) Link.	-	-	-	1	-
<i>T. nodosa</i> (L.) Gaertn.	-	-	1	-	-
<i>T. nodosa</i> (L.) Gaertn. - silicified	-	-	-	1	-
<i>T. nodosa</i> (L.) Gaertn. - mineral-replaced	-	-	-	-	1
cf. <i>Daucus carota</i> L.	-	-	-	-	1
Apiaceae indet.	-	37	1	2	-
Apiaceae indet. - mineral-replaced	-	-	-	-	15
<i>Lithospermum arvense</i> L.	2	26	-	-	-
<i>L. arvense</i> L.- mineral-replaced	-	-	-	-	2
? <i>Myosotis</i> sp.- mineral-replaced	-	-	-	-	1
Lamiaceae indet.	8	1	-	-	1
Lamiaceae - mineral-replaced	-	-	-	-	3
<i>Plantago major</i> L.	-	-	1	-	-
<i>Veronica</i> cf. <i>arvensis</i> L.	-	2	-	-	1
<i>Euphrasia/Odontites</i> sp.	4	5	-	-	8
<i>Euphrasia/Odontites</i> sp.- mineral-replaced	-	-	-	-	1
<i>Sherardia arvensis</i> L.	2	3	1	1	-
<i>Galium</i> cf. <i>aparine</i> L.	5	4	159	63	8
<i>Galium</i> sp.	-	1	-	1	-
<i>Valerianella dentata</i> (L.) Pollich	2	1	-	1	4
<i>V. dentata</i> (L.) Pollich - mineral-replaced	-	1	-	-	-
? <i>Valerianella</i> sp.- mineral-replaced	-	-	-	-	3
<i>Centaurea</i> sp.	1	-	-	-	-
<i>Centaurea</i> sp.- mineral-replaced	-	-	-	-	1
<i>Tripleurospermum</i> sp.	2	5	-	2	5
Asteraceae (small) indet. - mineral-replaced	-	-	-	-	5
<i>Eleocharis palustris</i> type	-	-	-	-	1
<i>E. palustris</i> type - silicified	-	-	1	2	-
<i>Carex</i> spp.	1	3	-	-	-
<i>Carex</i> spp. - mineral-replaced	-	-	-	-	4
cf. <i>Carex</i> sp.	-	-	-	1	-
Cyperaceae indet.	-	-	-	1	1
cf. <i>Lolium</i> sp.	-	-	1	1	-
<i>Poa annua</i> type	5	2	-	2	1
<i>Arrhenatherum elatius</i> ssp. <i>bulbosum</i> (Willd.) Hyl. (tuber)	7	2	-	-	2
<i>Avena</i> type (awn)	-	1	-	-	1
<i>Bromus hordeaceus</i> type	-	9	1	1	5
cf. <i>Bromus</i> sp.	3	-	-	-	1
<i>Anisanthia sterilis</i> type	-	2	-	1	-
Poaceae (large) indet.	1	-	-	-	2
Poaceae (small) indet.	49	18	2	5	8
Poaceae (small) indet. - mineral-replaced	-	-	-	-	2
Poaceae size (rhizome)	-	-	1	-	1
<i>Triticum dicoccum</i> (glume base)	3	-	-	-	8
<i>T. dicoccum</i> (spikelet fork)	1	-	-	-	1

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% of sample analysed	100	100	100	100	100
feature type	ditch	pit	post-hole	post-hole	ditch
<i>T. dicoccum</i> (rachis internode)	-	-	-	-	1
<i>T. spelta</i> L. (glume base)	23	52	-	3	74
<i>T. spelta</i> L. (spikelet fork)	1	15	-	-	3
<i>T. spelta</i> L. (rachis internode)	1	10	-	-	14
<i>T. spelta</i> type (grain)	-	4	-	-	2
<i>T. dicoccum/spelta</i> (glume base)	112	128	-	7	182
<i>T. dicoccum/spelta</i> (spikelet fork)	15	6	-	1	22
<i>T. dicoccum/spelta</i> type (grain)	6	8	-	-	3
<i>Triticum</i> sp. (grain)	17	24	-	-	7
<i>Triticum</i> sp. (glume beak) - silicified	-	-	1	-	-
<i>Triticum</i> sp. (glume base)	4	13	-	-	27
<i>Triticum</i> sp. (spikelet fork)	2	-	-	-	11
<i>Triticum</i> sp. (rachis internode)	1	1	-	-	10
cf. <i>Triticum</i> sp. (grain)	-	-	1	-	-
<i>Triticum/Secale</i> sp. (awn fragment)	-	2	-	-	-
<i>Hordeum vulgare</i> L. (rachis)	-	8	-	2	1
<i>Hordeum</i> sp. (hulled straight grain)	1	-	-	-	-
<i>Hordeum</i> sp. (hulled twisted grain)	-	2	-	-	-
<i>Hordeum</i> sp. (hulled grain)	2	1	-	3	4
<i>Hordeum</i> sp. (grain)	2	-	-	-	7
<i>Hordeum</i> sp. (rachis)	1	2	-	-	4
<i>Secale/Hordeum</i> sp. (rachis)	1	3	-	1	7
Cereales indet. (grain)	141	38	1	1	72
Cereal size (embryo)	-	8	-	-	-
Cereal size (culm node)	2	9	-	-	19
Cereal size (culm base)	1	-	-	1	14
Cereal size (rhizome/culm base)	8	22	-	5	63
monocot stem	-	-	-	+	2
monocot stem - silicified	-	-	-	+++	-
bud	-	-	-	-	4
leaf fragment	-	-	-	-	1
leaf abscission pad	-	-	1	-	-
twig	-	-	1	-	-
indeterminate tuber	4	+	-	1	3
Cenocccum	2	-	-	-	-
mouse dropping	-	1	-	-	-
mineral-replaced earthworm egg	-	-	-	-	12
mineral-replaced insect	-	-	-	-	6
mineral-replaced centipede	-	-	-	-	1
mineral-replaced arthropod egg	-	-	-	-	14
mineral-replaced mystery object	-	1	-	-	2
concretions	-	-	-	+++	-
ignota	8	8	2	1	5
mineral-replaced ignota	-	-	-	-	5
Total no. of items identified	527	526	218	161	853

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	Context	F1312/3	F1317/7	Ph 1492/1	Ph 1492	F1335/1
	% of sample analysed	100	100	100	100	100
	feature type	ditch	pit	post-hole	post-hole	ditch
Total weeds		104	158	206	126	129
Total barley rachis		2	13	0	3	12
Total barley grain		3	0	0	0	7
Total wheat chaff		161	214	0	11	328
Total wheat grain		23	36	1	0	12
Total grain		169	77	2	4	95
Total chaff		165	240	0	14	365
Total wheat and barley grain		26	36	1	0	19
Percentage wheat grain		88%	100%	-	-	63%
Percentage barley grain		12%	0%	-	-	37%
Cereales indet. (grain)		141	38	-	-	72
Total corrected wheat grain		148	74	-	-	57
Total corrected barley grain		19	0	-	-	34
Ratio 1		1.09	2.89	-	-	5.71
Ratio 2		0.10	-	-	-	0.36
Ratio 3		0.62	2.05	103.00	31.50	1.36
Percentage grain		32%	15%	1%	2%	11%
Percentage chaff		31%	46%	0%	9%	43%
Percentage weed		20%	30%	94%	78%	15%