

APPENDIX 8

THE MACROSCOPIC PLANT AND INVERTEBRATE REMAINS

By Mark Robinson

TABLE 92. PLANT TAXA IDENTIFIED FROM MID-ROMAN SILCHESTER, INSULA IX
(seeds unless stated)

		Means of preservation
Bryophyta indet. - stem with leaves	moss	w m
<i>Pteridium aquilinum</i> (L.) Kuhn - frond frags	bracken	w m
<i>Ranunculus</i> cf. <i>acris</i> L.	meadow buttercup	w
<i>R.</i> cf. <i>repens</i> L.	creeping buttercup	w
<i>R. sardous</i> Crantz	hairy buttercup	w
<i>R. S. Ranunculus</i> sp.	buttercup	c m
<i>R. flammula</i> L.	lesser spearwort	w
<i>Thalictrum flavum</i> L.	meadow-rue	w
<i>Papaver somniferum</i> L.	opium poppy	m
<i>Papaver</i> sp. (not <i>somniferum</i>)	poppy	m
<i>Morus nigra</i> L.	black mulberry	m
<i>Ficus carica</i> L.	fig	w m
<i>Urtica dioica</i> L.	stinging nettle	w m
<i>U. urens</i> L.	small nettle	w m
<i>Juglans regia</i> L.	walnut	w
<i>Corylus avellana</i> L.	hazel	w
<i>Chenopodium rubrum</i> L.	red goosefoot	w
<i>C. polyspermum</i> L.	many-seeded goosefoot	w
<i>C. album</i> L.	fat hen	w
<i>Chenopodium</i> sp.	goosefoot	c m
<i>Atriplex</i> sp.	orache	w m
<i>Stellaria media</i> gp.	chickweed	w m
<i>S. graminea</i> L.	stitchwort	c
<i>Cerastium</i> sp.	mouse-ear chickweed	w
<i>Agrostemma githago</i> L.	corn cockle	w m
<i>Silene</i> cf. <i>latifolia</i> Poir.	white campion	w
<i>Polygonum aviculare</i> agg.	knotgrass	w c m
<i>Fallopia convolvulus</i> (L.) Löv.	black bindweed	w c
<i>Rumex S. Acetosella</i> sp.	sheep's sorrel	w c m
<i>R. crispus</i> L.	curled dock	w
<i>R. conglomeratus</i> Mur.	sharp dock	w
<i>R. obtusifolius</i> L.	broad-leaved dock	w
<i>Rumex</i> sp. (not <i>Acetosella</i>)	dock	c m
<i>Rumex</i> sp. - stem	dock	w
<i>Rumex</i> sp.	dock	c m
<i>Malva</i> sp.	mallow	w

		Means of preservation
<i>Viola S. Melanium</i> sp.	pansy	w
<i>Capsella bursa-pastoris</i> (L.) Medik.	shepherd's purse	w
<i>Coronopus squamatus</i> (Forsk.) Asch.	swine cress	w
<i>Brassica nigra</i> L.	black mustard	w
<i>Brassica</i> or <i>Sinapis</i> sp.	mustard etc.	m
<i>Raphanus raphanistrum</i> L.	wild radish	w
<i>Reseda luteola</i> L.	weld	m
cf. <i>Anagallis arvensis</i> L.	pimpernel	w
<i>Filipendula ulmaria</i> (L.)	meadow sweet	w
<i>Rubus</i> cf. <i>idaeus</i> L.	raspberry	w
<i>R. fruticosus</i> agg.	blackberry	w c
<i>Potentilla</i> cf. <i>erecta</i> (L.) Raeusch.	tormentil	w m
<i>Potentilla</i> sp.	cinquefoil	m
<i>Aphanes arvensis</i> L.	parsley piert	w
<i>Prunus spinosa</i> L.	sloe	w
<i>P. domestica</i> L. ssp. <i>domestica</i>	plum	w
<i>P. domestica</i> L. ssp. <i>insititia</i> (L.) B.& L.	bullace, damson	w
<i>P. domestica</i> L.	plum etc.	w m
<i>P.</i> cf. <i>domestica</i>	plum etc.	m
<i>P.</i> cf. <i>avium</i> L.	cherry	m
<i>Prunus</i> sp.	sloe, plum etc.	m
<i>Malus</i> sp. - endocarp	apple	w
cf. <i>Pyrus</i> or <i>Malus</i> sp.	pear or apple	m
<i>Vicia faba</i> L.	field or Celtic bean	m
<i>Vicia</i> or <i>Lathyrus</i> sp.	vetch or tare	c
cf. <i>Vicia</i> or <i>Lathyrus</i> sp. - pod	vetch or tare	w
<i>Lens culinaris</i> L.	lentil	m
cf. <i>Lens culinaris</i> L.	lentil	m
<i>Pisum sativum</i> L.	pea	m
cf. <i>P. sativum</i> L.	pea	m
large legume indet.	pea, bean etc.	c m
cf. <i>Medicago lupulina</i> L.	black medick	c
cf. <i>Medicago</i> sp.	medick	m
<i>Trifolium</i> sp. - flower and calyx	clover	w
cf. <i>Trifolium</i> sp.	clover	c
small legume indet.	medick, clover etc.	m
<i>Ilex aquifolium</i> L. - leaf	holly	w
<i>Buxus sempervirens</i> L. - leaf	box	w
<i>Vitis vinifera</i> L.	grape	w m
<i>Linum usitatissimum</i> L.	flax	m
<i>L. catharticum</i> L.	fairy flax	w c
<i>Coriandrum sativum</i> L.	coriander	w m
cf. <i>C. sativum</i> L.	coriander	m
<i>Oenanthe pimpinelloides</i> gp.	water dropwort	w
<i>Anethum graveolens</i> L.	dill	w m
cf. <i>Anethum graveolens</i> L.	dill	w m
<i>Conium maculatum</i> L.	hemlock	w m
<i>Apium graveolens</i> L.	celery	w m
cf. <i>Ap. graveolens</i> L.	celery	w m
<i>Daucus carota</i> L.	(wild) carrot	w
Apiaceae indet.		m
<i>Hyoscyamus niger</i> L.	henbane	w
<i>Lithospermum arvense</i> L.	corn gromwell	m

		Means of preservation
<i>Solanum nigrum</i> L.	black nightshade	w
<i>S. dulcamara</i> L.	woody nightshade	w
cf. <i>Solanaceae</i> indet.	nightshade	m
<i>Ballota nigra</i> L.	black horehound	w
<i>Lamium</i> sp.	dead-nettle	w
<i>Prunella vulgaris</i> L.	selfheal	w c
<i>Satureja hortensis</i> L.	summer savory	m
<i>Mentha</i> cf. <i>aquatica</i> L.	water mint	w
<i>Mentha</i> sp.	mint	m
<i>Lamiaceae</i> indet.		m
<i>Plantago major</i> L.	great plantain	w
<i>P. lanceolata</i> L.	ribwort plantain	c
cf. <i>P. lanceolata</i> L.	ribwort plantain	m
<i>Galium aparine</i> L.	goosegrass	c m
<i>Sambucus nigra</i> L.	elder	w
<i>Carduus</i> sp.	thistle	w
cf. <i>Carduus</i> or <i>Cirsium</i> sp.	thistle	m
<i>Centaurea nigra</i> L.	knapweed	w c
<i>Hypochoeris</i> sp.	cat's ear	w
<i>Leontodon</i> sp.	hawkbit	w
<i>Sonchus asper</i> (L.) Hill	sow-thistle	w
<i>Taraxacum</i> sp.	dandelion	w
<i>Leucanthemum vulgare</i> Lam.	oxeye daisy	c
<i>Asteraceae</i> indet.		m
<i>Juncus articulatus</i> gp.	rush	w
<i>J. effusus</i> gp.	tussock rush	w
<i>Luzula</i> sp.	wood-rush	w
<i>Eleocharis palustris</i> (L.) R. & S. or <i>uniglumis</i> (Link) Schul.	spike-rush	w c
<i>Carex</i> sp.	sedge	w c m
<i>Cyperaceae</i> indet.	sedge etc.	c
<i>Bromus</i> cf. <i>secalinus</i> L.	rye brome	w m
<i>Triticum spelta</i> L. - grain	spelt wheat	c
<i>T. spelta</i> L. - spikelet	spelt wheat	w m
<i>T. spelta</i> L. - glume	spelt wheat	w c
<i>T. cf. spelta</i> L. - grain	spelt wheat	m
<i>T. dicoccum</i> Schübl. or <i>spelta</i> L. - grain	emmer or spelt wheat	c
<i>T. dicoccum</i> Schübl. or <i>spelta</i> L. - double grain spikelet	emmer or spelt wheat	m
<i>T. dicoccum</i> Schübl. or <i>spelta</i> L. - single grain spikelet	emmer or spelt wheat	m
<i>T. dicoccum</i> Schübl. or <i>spelta</i> L. - glume	emmer or spelt wheat	c
<i>Triticum</i> sp. - short grain	wheat	c
<i>Triticum</i> sp. - grain	wheat	m
<i>Hordeum vulgare</i> L. - hulled lateral grain	six-row hulled barley	c m
<i>Hordeum</i> sp. - hulled median grain	hulled barley	c
<i>Hordeum</i> sp. - hulled grain	hulled barley	c m
<i>Hordeum</i> sp. - grain	barley	c
<i>Avena</i> sp. - grain	oats	c m
cf. <i>Avena</i> sp. - grain	oats	c
cereal indet. - hulled grain		m
cereal indet. - grain		c m
cereal indet. - bran		w m
<i>Poaceae</i> indet.	grass	w c m
cf. fruit seed indet.		m
weed seed indet.		c m

	Means of preservation
leaf frag. indet.	m
plant stem indet.	m
wood frag. indet.	w c m
bud scale	w
leaf abscission pad	w

KEY: m mineralised, w waterlogged, c charred

TABLE 93. WATERLOGGED SEEDS FROM MID-ROMAN SILCHESTER, INSULA IX

	Sample	1715	1646	1581	386
	Context	6960	6436	6436	2778
		P4	P4	P4	P4
		well	well	well	well
		5735	5735	5735	1750
	Sample volume (litres)	18.5	5.0	17.5	6.0
<i>Ranunculus</i> cf. <i>acris</i>	meadow buttercup	2	4	-	2
<i>R. cf. repens</i> L.	creeping buttercup	4	15	5	9
<i>R. sardous</i> Crantz	hairy buttercup	-	2	-	-
<i>R. S. Ranunculus</i> sp.	buttercup	3	16	5	7
<i>R. flammula</i> L.	lesser spearwort	1	4	1	2
<i>Thalictrum flavum</i> L.	meadow rue	-	3	-	5
<i>Ficus carica</i> L.	fig	-	5	7	-
<i>Urtica dioica</i> L.	stinging nettle	47	26	120	-
<i>U. urens</i> L.	small nettle	75	35	1	1
<i>Juglans regia</i> L.	walnut	-	1	-	-
<i>Corylus avellana</i> L.	hazel	-	1	-	1
<i>Chenopodium rubrum</i> L.	red goosefoot	2	4	-	2
<i>C. polyspermum</i> L.	many-seeded goosefoot	2	-	2	-
<i>C. album</i> L.	fat hen	-	12	1	86
<i>Atriplex</i> sp.	orache	1	14	5	14
<i>Stellaria media</i> gp.	chickweed	174	61	1	12
<i>S. graminea</i> L.	lesser stitchwort	-	2	1	-
<i>Cerastium</i> sp.	mouse-ear chickweed	1	1	-	-
<i>Agrostemma githago</i> L.	corn cockle	-	1	-	-
<i>Silene</i> cf. <i>latifolia</i> Poir	white campion	-	1	-	2
<i>Polygonum aviculare</i> agg.	knotgrass	3	17	2	10
<i>Fallopia convolvulus</i> (L.) Löv.	black bindweed	-	-	-	1
<i>Rumex</i> S. <i>Acetosella</i> sp.	sheep's sorrel	4	10	2	3
<i>R. crispus</i> L.	curled dock	-	3	-	-
<i>R. conglomeratus</i> Mur.	sharp dock	-	-	1	-
<i>R. obtusifolius</i> L.	broad-leaved dock	-	41	1	4
<i>Rumex</i> sp. (not <i>Acetosella</i>)	dock	3	61	27	8
Malvaceae indet.	mallow	-	1	-	-
<i>Viola</i> S. <i>Melanium</i> sp.	wild pansy	-	1	-	-
<i>Capsella bursa-pastoris</i> (L.) Medik.	shepherd's purse	3	1	-	-
<i>Coronopus squamatus</i> (Forsk.) Asch.	swine cress	-	1	-	-
<i>Brassica nigra</i> (L.) Koch	black mustard	4	2	-	-
<i>Raphanus raphanistrum</i> L.	wild radish	-	-	-	1
cf. <i>Anagallis arvensis</i> L.	pimpernel	1	-	-	-
<i>Filipendula ulmaria</i> (L.)	meadow sweet	1	2	-	-
<i>Rubus fruticosus</i> agg.	blackberry	1	9	29	2
<i>Potentilla</i> cf. <i>erecta</i> (L.) Raeusch	tormentil	-	13	-	10

	Sample	1715	1646	1581	386
	Context	6960	6436	6436	2778
		P4	P4	P4	P4
		well	well	well	well
		5735	5735	5735	1750
	Sample volume (litres)	18.5	5.0	17.5	6.0
<i>Agrimonia eupatoria</i> L.	agrimony	-	-	-	1
<i>Aphanes arvensis</i> L.	parsley piert	-	2	-	-
<i>Prunus domestica</i> L. ssp. <i>domestica</i>	plum	-	1	-	-
<i>P. domestica</i> L. ssp. <i>insititia</i> (L.) B. & L.	bullace, damson	-	1	-	-
<i>P. domestica</i> L.	plum etc.	-	1	-	-
<i>Vitis vinifera</i> L.	grape	-	1	-	-
<i>Linum catharticum</i> L.	fairy flax	-	2	-	-
<i>Coriandrum sativum</i> L.	coriander	-	1	-	1
<i>Oenanthe pimpinelloides</i> gp.	water dropwort	-	-	1	-
<i>Anethum graveolens</i> L.	dill	-	5	-	-
cf. <i>Anethum graveolens</i> L.	dill	-	6	-	-
<i>Conium maculatum</i> L.	hemlock	2	10	2	1
<i>Apium graveolens</i> L.	celery	1	1	-	-
cf. <i>Apium graveolens</i> L.	celery	1	1	-	-
<i>Daucus carota</i> L.	(wild) carrot	1	1	-	1
<i>Hyoscyamus niger</i> L.	henbane	1	2	11	-
<i>Solanum nigrum</i> L.	black nightshade	-	10	1	-
<i>S. cf. dulcamara</i> L.	woody nightshade	-	1	-	-
<i>Ballota nigra</i> L.	black horehound	-	1	34	-
<i>Lamium</i> sp.	dead-nettle	1	2	3	-
<i>Prunella vulgaris</i> L.	selfheal	2	8	-	-
<i>Mentha</i> cf. <i>aquatica</i> L.	water mint	-	3	2	-
<i>Plantago major</i> L.	great plantain	-	1	-	-
<i>Sambucus nigra</i> L.	elder	3	20	128	2
<i>Carduus</i> sp.	thistle	1	-	-	-
<i>Centaurea nigra</i> L.	knapweed	-	1	-	-
<i>Hypochoeris</i> sp.	cat's ear	2	4	-	-
<i>Leontodon</i> sp.	hawkbit	-	1	-	1
<i>Sonchus asper</i> (L.) Hill	sow-thistle	1	5	-	-
<i>Taraxacum</i> sp.	dandelion	-	-	1	-
<i>Juncus articulatus</i> gp.	rush	1	20	60	-
<i>J. effusus</i> gp.	tussock rush	-	-	20	-
<i>Luzula</i> sp.	woodrush	1	-	-	-
<i>Eleocharis palustris</i> (L.) R. & S. or <i>uniglumis</i> (Link) Schul.	spike-rush	5	31	10	7
<i>Carex</i> sp.	sedge	3	53	16	4
<i>Bromus</i> cf. <i>secalinus</i> L.	rye brome	1	-	-	-
cereal indet. - bran		+	+	-	-
Poaceae indet.	grain	7	11	-	-
Total		366	577	500	200

Key: + present

TABLE 94. OTHER WATERLOGGED PLANT REMAINS FROM MID-ROMAN SILCHESTER, INSULA IX

	Sample	1715	1646	1581	386
	Context	6960	6436	6436	2778
		P4	P4	P4	P4
		well	well	well	well
		5735	5735	5735	1750
	Sample volume (litres)	18.5	5.0	17.5	6.0
Bryophyta indet. - stem with leaves	moss	+	+	-	+
<i>Pteridium aquilinum</i> (L.) Kuhn - frond fragment	bracken	-	13	-	-
<i>Rumex</i> sp. - stem	dock	-	1	-	1
<i>Malus</i> sp. - endocarp (core)	apple	-	2	-	2
cf. <i>Vicia</i> or <i>Lathyrus</i> sp. - pod	vetch or tare	1	2	-	-
<i>Trifolium</i> sp. - flower	clover	1	10	-	-
<i>Trifolium</i> sp. - calyx	clover	-	3	-	-
<i>Ilex aquifolium</i> L. - leaf frag.	holly	1	-	-	-
<i>Buxus sempervirens</i> L. - leaf frag.	box	1	-	-	-
bud scales		13	4	-	16
leaf abscission pad		-	1	1	-
<i>Triticum spelta</i> L. - spikelet	spelt wheat	-	1	-	-
<i>T. spelta</i> L. - glume	spelt wheat	-	3	-	-

Key: + present

TABLE 95. COLEOPTERA FROM MID-ROMAN SILCHESTER, INSULA IX

	Minimum number of individuals		
Sample	1715	1646	
Context	6960	6436	
	P4	P4	
	well	well	
	5735	5735	
Sample volume (litres)	18.5	5.0	Species Group
<i>Nebria brevicollis</i> (F.)	1	-	
<i>Notiophilus</i> sp.	1	-	
<i>Trechus obtusus</i> Er. or <i>quadristriatus</i> (Schr.)	2	1	
<i>Bembidion tetracolum</i> Say	1	-	
<i>Pterostichus longicollis</i> (Duft.)	1	-	
<i>P. melanarius</i> (Ill.)	2	1	
<i>P. cupreus</i> (L.) or <i>versicolor</i> (Sturm)	-	2	
<i>Synuchus nivalis</i> (Pz.)	-	1	
<i>Agonum dorsale</i> (Pont.)	-	1	6a
<i>Amara bifrons</i> (Gyl.)	1	-	6b
<i>Amara</i> sp.	1	1	
<i>Harpalus</i> S. <i>Ophonus</i> sp.	1	-	
<i>Agabus bipustulatus</i> (L.)	-	1	1
<i>Helophorus aquaticus</i> or <i>grandis</i> Ill.	-	1	1
<i>Helophorus</i> sp. (<i>brevipalpis</i> size)	-	1	1
<i>Sphaeridium bipustulatum</i> F.	1	-	
<i>Cercyon analis</i> (Pk.)	1	-	7

Sample	Minimum number of individuals		Species Group
	1715	1646	
Context	6960	6436	
	P4	P4	
	well	well	
	5735	5735	
Sample volume (litres)	18.5	5.0	
<i>C. haemorrhoidalis</i> (F.)	1	1	7
<i>C. pygmaeus</i> (L.)	1	-	7
<i>C. unipunctatus</i> (L.)	-	1	7
<i>Megasternum obscurum</i> (Marsh.)	2	1	7
<i>Ochthebius</i> sp.	3	-	1
<i>Choleva</i> or <i>Catops</i> sp.	1	-	
<i>Lesteva longoelytrata</i> (Gz.)	6	2	
<i>Anotylus rugosus</i> (F.)	1	1	7
<i>A. sculpturatus</i> gp.	-	1	7
<i>Stenus</i> cf. <i>comma</i> LeCon.	1	-	
<i>Stenus</i> sp. (not <i>comma</i>)	1	-	
<i>Gyrohypnus fracticornis</i> (Müll.) or <i>punctulatus</i> (Pk.)	1	-	
<i>Xantholinus linearis</i> (Ol.)	-	1	
<i>Philonthus</i> sp.	2	1	
<i>Tachinus</i> sp.	2	-	
Aleocharinae indet.	1	2	
<i>Aphodius contaminatus</i> (Hbst.)	-	1	2
<i>A. cf. foetens</i> (F.)	-	1	2
<i>A. granarius</i> (L.)	2	4	2
<i>A. cf. sphaelatus</i> (Pz.)	1	1	2
<i>Aphodius</i> spp.	1	1	2
<i>Oxyomus sylvestris</i> (Scop.)	-	1	
<i>Onthophagus</i> sp. (not <i>ovatus</i>)	-	1	2
<i>Athous haemorrhoidalis</i> (F.)	-	1	11
<i>Anobium punctatum</i> (Deg.)	5	4	10
<i>Tipnus unicolor</i> (P. & M.)	1	-	9a
<i>Ptinus fur</i> (L.)	2	3	9a
<i>Lyctus linearis</i> (Gz.)	-	1	10
<i>Brachypterus urticae</i> (F.)	2	-	
<i>Atomaria</i> sp.	-	1	
<i>Lathridius minutus</i> sp.	-	1	8
<i>Enicmus transversus</i> (Ol.)	1	-	8
Corticariinae indet.	1	-	8
<i>Phyllotreta nigripes</i> (F.)	-	2	
<i>Longitarsus</i> sp.	1	-	
<i>Chaetocnema concinna</i> (Marsh.)	1	1	
<i>Chaetocnema</i> sp. (not <i>concinna</i>)	1	-	
<i>Apion</i> sp.	1	1	3
<i>Barynotus</i> sp.	-	1	
<i>Ceuthorhynchidius horridus</i> (Pz.)	-	1	
Ceuthorhynchinae indet.	1	-	
Total	57	48	

TABLE 96. OTHER INSECTS FROM MID-ROMAN SILCHESTER, INSULA IX

Sample	Minimum number of individuals	
	1715	1646
Context	6960 P4 well	6436 P4 well
	5735	5735
Sample volume (litres)	18.5	5.0
<i>Forficula auricularia</i> L.	-	1
<i>Aphrodes bicinctus</i> (Schr.)	-	1
Aphidoidea indet.	-	1
Homoptera indet.	1	-
<i>Apis mellifera</i> L. - worker	-	2
<i>Musca domestica</i> L. - puparium	-	1
<i>Stomoxys calcitrans</i> (L.) - puparium	-	1
Diptera indet. - puparium	5	19

TABLE 97. CHARRED PLANT REMAINS FROM MID-ROMAN SILCHESTER, INSULA IX

	Sample Context	856	324	643	847
		5324 P2 pit 5251	2320 P3 well 2234	4041 P4 pit 3406	5545 P2 layer
	Sample volume (litres)	10	6	18	29
CEREAL GRAIN	spelt wheat	2	-	-	1
<i>Triticum spelta</i> L.					
<i>T. dicoccum</i> Schübl. or <i>spelta</i> L.	emmer or spelt wheat	1	-	-	-
<i>Triticum</i> sp. - short grain	wheat	1	-	-	2
<i>Triticum</i> sp.	wheat	1	-	-	-
<i>Hordeum vulgare</i> L. - hulled lateral	six-row hulled barley	-	1	-	1
<i>Hordeum</i> sp. - hulled median	hulled barley	-	-	-	1
<i>Hordeum</i> sp. - hulled	hulled barley	3	-	-	-
<i>Hordeum</i> sp.	barley	-	-	-	3
cereal indet.		12	-	-	4
Total cereal grain		20	1	0	12
CEREAL CHAFF					
<i>Triticum spelta</i> L. - glume	spelt wheat	-	6	-	-
<i>T. dicoccum</i> Schübl. or <i>spelta</i> L. - glumes	emmer or spelt wheat	-	5	-	-
cereal culm node		-	4	-	-
Total cereal chaff		0	15	0	0

	Sample	856	324	643	847
	Context	5324	2320	4041	5545
		P2	P3	P4	P2
		pit	well	pit	layer
	Sample volume	5251	2234	3406	
	(litres)	10	6	18	29
WEED SEEDS					
<i>Ranunculus</i> sect. <i>Ranunculus</i> sp.	buttercup	-	6	-	-
<i>Stellaria graminea</i> L.	lesser stitchwort	-	-	-	1
<i>Rumex</i> S. <i>Acetosella</i> sp.	sheep's sorrel	-	1	-	-
<i>Rumex</i> sp. (not <i>Acetosella</i>)	dock	4	3	-	2
cf. <i>Medicago lupulina</i> L.	black medick	1	-	-	-
cf. <i>Trifolium</i> sp.	clover	-	2	6	-
<i>Linum catharticum</i> L.	fairy flax	-	1	-	-
<i>Prunella vulgaris</i> L.	selfheal	-	1	-	-
<i>Galium aparine</i> L.	goosegrass	-	-	1	-
<i>Leucanthemum vulgare</i> Lam.	ox-eye daisy	-	-	1	-
<i>Eleocharis palustris</i> (L.) R.&S. or <i>uniglumis</i> (Link) Schul.	spike rush	5	3	-	6
<i>Carex</i> sp.	sedge	-	10	2	-
Cyperaceae indet.	sedge etc.	-	3	-	18
Poaceae indet.	grass	2	2	-	4
Weed seeds indet.		3	7	10	12
Total weed seeds		15	39	20	43
No. of items per litre		3.50	9.17	1.11	1.90

TABLE 98. MINERALISED PLANT REMAINS FROM MID-ROMAN SILCHESTER, INSULA IX
(seeds unless stated)

	Sample	857	855.3	852.3	792	804
	Context	5276	5276	5276	5276	5303
		P2	P2	P2	P2	P2
		pit	pit	pit	pit	pit
	Sample volume	5251	5251	5251	5251	5251
	(litres)	4	1	1	4	19
Bryophyta indet. - stem with leaves	moss	-	-	-	1	-
<i>Pteridium aquilinum</i> (L.) Kuhn - frond fragment	bracken	1	-	-	1	-
<i>Ranunculus</i> S. <i>Ranunculus</i> sp.	buttercup	2	1	-	6	-
<i>Papaver somniferum</i> L.	opium poppy	-	2	-	3	1
<i>Papaver</i> sp.	poppy	-	1	-	1	-
<i>Morus nigra</i> L.	black mulberry	-	-	-	14	-
<i>Ficus carica</i> L.	fig	55	9	2	84	-
<i>Urtica dioica</i> L.	stinging nettle	-	1	-	2	29
<i>U. urens</i> L.	small nettle	4	1	-	5	2
<i>Chenopodium</i> sp.	goosefoot etc.	1	-	-	2	2
<i>Atriplex</i> sp.	orache	-	1	-	1	-

	Sample	857	855.3	852.3	792	804
	Context	5276	5276	5276	5276	5303
		P2	P2	P2	P2	P2
		pit	pit	pit	pit	pit
		5251	5251	5251	5251	5251
	Sample volume (litres)	4	1	1	4	19
Chenopodiaceae indet.	goosefoot etc.	-	3	-	4	-
<i>Stellaria media</i> gp.	chickweed	1	-	-	-	-
<i>Agrostemma githago</i> L.	corn cockle	1	-	-	-	-
<i>Polygonum aviculare</i> agg.	knotgrass	-	-	2	-	1
<i>Rumex</i> S. <i>Acetosella</i> sp.	sheep's sorrel	-	-	-	-	1
<i>Rumex</i> sp. (not <i>Acetosella</i>)	dock	-	-	-	-	8
<i>Rumex</i> sp.	dock	4	2	-	14	-
<i>Brassica</i> or <i>Sinapis</i> sp.	mustard etc.	2	-	-	-	-
<i>Reseda luteola</i> L.	weld	-	1	-	-	-
<i>Rubus fruticosus</i> agg.	blackberry	4	3	2	18	-
cf. <i>R. fruticosus</i> agg.	blackberry	17	6	2	27	-
<i>Potentilla</i> sp.	cinquefoil	-	-	-	1	1
<i>Prunus domestica</i> L.	plum etc.	-	-	-	1	-
<i>P.</i> cf. <i>domestica</i> L.	plum etc.	-	-	-	1	-
<i>P.</i> cf. <i>avium</i> (L.) L.	cherry	1	-	-	-	-
<i>Prunus</i> sp.	small plum etc.	46	6	5	70	1
cf. <i>Pyrus</i> or <i>Malus</i> sp.	pear or apple	-	-	1	2	-
<i>Vicia faba</i> L.	field or Celtic bean	-	-	-	1	-
<i>Lens culinaris</i> L.	lentil	1	-	-	1	-
cf. <i>Lens culinaris</i> L.	lentil	1	-	-	-	-
<i>Pisum sativum</i> L.	pea	6	-	-	1	-
cf. <i>Pisum sativum</i> L.	pea	56	-	-	3	-
cf. <i>Medicago</i> sp.	medick	1	-	-	-	-
small legume etc	medick, clover etc.	-	1	-	-	-
<i>Vitis vinifera</i> L.	grape	3	-	-	2	-
<i>Linum usitatissimum</i> L.	flax	-	1	-	-	-
<i>Coriandrum sativum</i> L.	coriander	6	-	-	2	-
cf. <i>C. sativum</i> L.	coriander	4	1	-	6	-
<i>Anethum graveolens</i> L.	dill	5	-	-	8	-
cf. <i>Anethum graveolens</i> L.	dill	23	3	-	7	-
<i>Conium maculatum</i> L.	hemlock	1	1	-	3	1
<i>Apium graveolens</i> L.	celery	1	2	-	1	-
cf. <i>A. graveolens</i> L.	celery	1	5	1	14	-
Apiaceae indet.		104	18	5	42	-
cf. Solanaceae indet.	nightshade	-	-	-	1	-
<i>Lithospermum arvensis</i> L.	corn gromwell	-	1	-	-	-
<i>Galium aparine</i> L.	goosegrass	2	-	-	-	-
<i>Prunella vulgaris</i> L.	selfheal	-	-	-	1	-
<i>Satureja hortensis</i> L.	summer savory	-	-	-	1	-
<i>Mentha</i> sp.	mint	-	-	-	3	-
Lamiaceae indet.		-	1	-	-	-
cf. <i>Plantago lanceolata</i> L.	ribwort plantain	-	-	-	1	-
cf. <i>Carduus</i> or <i>Cirsium</i> sp.	thistle	32	4	3	32	-
Asteraceae indet.		-	-	-	-	1
<i>Carex</i> sp.	sedge	1	1	2	2	1
<i>Bromus</i> cf. <i>secalinus</i> L.	rye brome	2	-	1	-	-
<i>Triticum spelta</i> L. - spikelet	spelt wheat	2	-	1	-	-

	Sample Context	857 5276 P2 pit 5251	855.3 5276 P2 pit 5251	852.3 5276 P2 pit 5251	792 5276 P2 pit 5251	804 5303 P2 pit 5251
	Sample volume (litres)	4	1	1	4	19
<i>T. cf. spelta</i> L.	spelt wheat	4	-	-	-	-
<i>T. dicoccum</i> Schübl. or <i>spelta</i> L. - double grain spikelet	emmer or spelt wheat	2	-	-	1	-
<i>T. dicoccum</i> Schübl. or <i>spelta</i> L. - single grain spikelet	emmer or spelt wheat	-	-	-	2	-
<i>Triticum</i> sp.	wheat	5	-	-	-	-
<i>Hordeum vulgare</i> L. - hulled lateral grain	six-row hulled barley	1	-	-	-	-
<i>Hordeum</i> sp. - hulled grain	hulled barley	1	-	-	-	-
<i>Avena</i> sp. - hulled grain	oats	1	-	-	-	-
cereal indet. - hulled grain		56	-	-	-	-
cereal indet.		21	-	2	3	-
cereal bran		+	+	-	+	-
Poaceae indet.	grass	2	5	-	9	1
cf. fruit seed / peas etc indet.		311	14	4	84	-
cf. weed seeds indet.		49	22	10	58	94
plant stem indet.		+	+	-	+	-
wood frag. indet.		+	+	-	-	-
Total number of quantified items		844	117	43	547	144

+ present

TABLE 99. MINERALISED INSECT AND OTHER ARTHROPOD REMAINS FROM MID-ROMAN SILCHESTER,
INSULA IX
(adult unless stated)

			Minimum number of individuals				
			857	855.3	852.3	792	804
Sample Context			5276	5276	5276	5276	5303
			P2	P2	P2	P2	P2
			pit	pit	pit	pit	pit
			5251	5251	5251	5251	5251
INSECTS - Diptera (flies)							
<i>Psychoda alternata</i> Say	- pupa	trickling filter fly	2	6	-	20	-
Sphaeroceridae indet.	- puparium	sewage fly	5	3	-	5	5
<i>Fannia</i> sp.	- puparium	latrine fly	20	1	-	3	-
Diptera indet.	- puparium		9	6	2	12	13
OTHER ARTHROPODS							
Diploda indet.		millepede	2	1	-	11	-
Isopoda indet.		woodlouse	1	1	-	4	-
Total number of individuals			39	18	2	55	18

TABLE 100. WATERLOGGED SEEDS FROM THE MID-ROMAN LATRINES,
SILCHESTER, INSULA IX

	Sample	857	855.3	852.3	792
	Context	5276	5276	5276	5276
		P2	P2	P2	P2
		pit	pit	pit	pit
		5251	5251	5251	5251
<i>Rubus</i> cf. <i>idaeus</i> L.	raspberry	2	-	-	-
<i>R. fruticosus</i> agg.	blackberry	1511	186	2	179
<i>Prunus spinosa</i> L.	sloe	1	-	-	-
<i>P. domestica</i> cf. ssp. <i>domestica</i> L.	plum	1	-	-	-
<i>P. domestica</i> L. cf. ssp. <i>insititia</i> L.	bullace, damson	8	-	-	-
<i>P. cf. domestica</i> L.	plum etc.	5	1	-	1
<i>Prunus</i> sp.	plum etc.	17	3	-	5
<i>Conium maculatum</i> L.	hemlock	1	-	-	-
<i>Sambucus nigra</i> L.	elderberry	3	1	-	5
<i>Juncus</i> sp.	rush	1	3	-	2