

Appendix to:

Technical Report: Environment, land use and activity at a medieval and post-medieval site at North Bridge, Doncaster, South Yorkshire

by

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Table 1. Complete list of plant and animal remains recorded from samples from North Bridge, Doncaster, in taxonomic order.

Order and nomenclature follow Tutin et al. (1964-90) for vascular plants, Smith (1976) for mosses, and Kloet and Hincks (1964-77) for insects. Plant material not specifically noted as being preserved by charring can be taken to be uncharred. Where both secure and tentative identifications for a given taxon were recorded, only the former are listed here. For invertebrates, * = not used in calculating assemblage statistics (Table 7).

PLANTS

Algae

Characeae (stoneworts) [oogonia]
Chara sp(p). (stonewort) [oogonia]

Mosses (parts recorded are leaf/leaves and/or shoot fragments unless otherwise stated)

Sphagnum sp(p). [leaf/leaves]
S. imbricatum Hornsch. ex Russ. [leaf/leaves]
Polytrichum sp(p). [charred shoot fragments]
Leucobryum glaucum (Hedw.) Ångstr.
Thuidium cf. *tamariscinum* (Hedw.) Br. Eur.
 cf. *Cratoneuron commutatum* (Hedw.) Roth
Campylium stellatum (Hedw.) Lange & Jens.
Scorpidium scorpioides (Hedw.) Limpr.
Pseudoscleropodium purum (Hedw.) Fleisch
 cf. *Eurhynchium* sp(p).
Hypnum cf. *cupressiforme* Hedw.
Rhytidiadelphus sp(p).
Pleurozium schreberi (Brid.) Mitt.
Hylocomium splendens (Hedw.) Br. Eur.

Vascular plants

Pteridium aquilinum (L.) Kuhn (bracken) [charred and uncharred pinnule fragments]
 cf. *P. aquilinum* (L.) Kuhn (?bracken) [stalk fragments]
 Coniferae (conifer) [charcoal fragments]
Pinus sp(p). (pine) [charcoal fragments]
Salix sp(p). (willow) [charred and uncharred buds, leaf fragments, twig epidermis fragments, twig fragments]
 cf. *Salix* sp(p). (?willow) [charcoal, charred twig fragments, twig epidermis fragments]
Myrica gale L. (bog myrtle/sweet gale) [bark fragments, fruits, leaf fragments, twig fragments]
 cf. *Myrica gale* L. (?bog myrtle/sweet gale) [buds and/or bud-scales]
Juglans regia L. (walnut) [nutshell fragments]
Betula sp(p). (birch) [female catkin scales, fruits]
Alnus sp(p). (alder) [fruits]
Corylus avellana L. (hazel) [buds and/or bud-scales, charcoal, charred and uncharred nuts and/or nutshell fragments]

uncharred seeds, mineralised seed fragments]

Quercus sp(p). (oak) [buds and/or bud-scales, charcoal]
Ficus carica L. (fig) [charred and uncharred seeds]
Humulus lupulus L. (hop) [achenes]
Cannabis sativa L. (hemp) [charred and uncharred achenes]
Urtica dioica L. (stinging nettle) [achenes]
U. urens L. (annual nettle) [achenes]
Polygonum aviculare agg. (knotgrass) [charred and uncharred fruits]
P. hydropiper L. (water-pepper) [charred and uncharred fruits]
P. persicaria L. (persicaria/red shank) [charred and uncharred fruits]
P. persicaria/lapathifolium (persicarias) [charred fruits]
P. lapathifolium L. (pale persicaria) [charred and uncharred fruits]
Bilderdykia convolvulus (L.) Dumort. (black bindweed) [charred and uncharred fruits and fruit fragments]
Rumex sp(p). (docks) [charred and uncharred fruits]
R. acetosella agg. (sheep's sorrel) [charred and uncharred fruits]
R. cf. conglomeratus Murray (?sharp dock) [fruits]
 Chenopodiaceae (goosefoot family) [seeds]
Chenopodium Section *Pseudoblitum* (red goosefoot etc.) [seeds]
C. cf. polyspermum L. (?all-seed) [seeds]
C. murale L. (nettle-leaved goosefoot) [seeds]
C. album L. (fat hen) [charred and uncharred seeds]
Atriplex sp(p). (oraches) [charred and uncharred seeds]
Montia fontana ssp. *chondrosperma* (Fenzl) Walters (blinks) [charred and uncharred seeds]
Stellaria media (L.) Vill. (chickweed) [charred and uncharred seeds]
S. palustris/graminea (marsh/lesser stitchwort) [seeds]
S. cf. graminea L. (?lesser stitchwort) [seeds]
Scleranthus annuus L. (annual knawel) [charred fruits]
Spergula arvensis L. (corn spurrey) [charred and uncharred seeds]
Agrostemma githago L. (corncockle) [charred and uncharred seeds]
Silene vulgaris (Moench) Garcke (bladder campion)

- [charred and uncharred seeds]
S. alba (Miller) Krause in Sturm (white campion) [charred and uncharred seeds]
S. dioica (L.) Clairv. (red campion) [uncharred seeds]
S. cf. dioica (L.) Clairv. (?red campion) [charred seeds]
cf. Caltha palustris L. (?marsh marigold) [seeds]
Ranunculus sp(p). (buttercups, etc.) [charred achenes]
Ranunculus Section *Ranunculus* (meadow/creeping/bulbous buttercup) [charred and uncharred achenes]
R. sardous Crantz (hairy buttercup) [charred and uncharred achenes]
R. flammula L. (lesser spearwort) [charred and uncharred achenes]
Ranunculus Subgenus *Batrachium* (water crowfoots) [achenes]
Papaver sp(p). (poppies) [seeds]
P. somniferum L. (opium poppy) [seeds]
P. rhoeas/dubium (field/long-headed poppy) [seeds]
P. argemone L. (long prickly-headed poppy) [charred and uncharred seeds]
Chelidonium majus L. (greater celandine) [seeds]
Fumaria sp(p). (fumitories) [seeds]
Descurainia sophia (L.) Webb ex Prantl (flixweed) [seeds]
Capsella bursa-pastoris (L.) Medicus (shepherd's purse) [seeds]
Coronopus squamatus (Forskål) Ascherson (swine-cress) [fruits]
Brassica sp(p). (cabbages, etc.) [cotyledons, seed fragments, seeds]
B. rapa L. (turnip) [charred and uncharred seeds, seed fragments]
Brassica sp./*Sinapis arvensis* L. (brassica/charlock) [charred cotyledons, charred and uncharred seeds]
Raphanus raphanistrum L. (wild radish) [charred and uncharred pod segments and/or fragments]
cf. R. raphanistrum L. (?wild radish) [pedicels (fruit stalks)]
Reseda luteola L. (weld/dyer's rocket) [seeds]
Filipendula ulmaria (L.) Maxim. (meadowsweet) [achenes]
Rubus sp(p). (blackberries, etc.) [charred and uncharred seeds]
R. idaeus L. (raspberry) [seeds]
R. fruticosus agg. (blackberry/bramble) [charred and uncharred seeds]
R. cf. caesius L. (?dewberry) [seeds]
Rubus/Rosa sp(p). (blackberry, etc./rose) [prickles]
Rosa sp(p). (roses) [charred and uncharred achenes]
Potentilla anserina L. (silverweed) [achenes]
P. cf. erecta (L.) Rauschel (?tormentil) [achenes]
P. cf. reptans L. (?creeping cinquefoil) [charred and uncharred achenes]
Fragaria cf. vesca L. (?wild strawberry) [achenes]
Malus sylvestris Miller (crab apple) [charred and uncharred seeds, endocarp]
Sorbus aucuparia L. (rowan, mountain ash) [seeds]
Crataegus sp(p). (hawthorns) [thorns]
cf. Crataegus sp(p). (?hawthorns) [charred pyrenes]
C. monogyna Jacq. (hawthorn) [charred pyrenes]
Crataegus sp./*Prunus spinosa* (hawthorn/sloe) [thorns]
Prunus spinosa L. (sloe) [uncharred fruitstones, charred fruitstones (some with mesocarp, thorns)]
P. domestica ssp. *insititia/spinosa* (bullace/sloe) [fruitstones]
P. domestica sensu lato (plums, etc.) [fruitstones with some mesocarp attached]
P. domestica ssp. *domestica* (plums, etc.) [fruitstones]
P. domestica ssp. *insititia* (L.) C. K. Schneider (plums, etc.) [charred and uncharred fruitstones]
P. Section *Cerasus* (cherries) [charred and uncharred fruitstones]
Leguminosae (pea family) [calyx/calyces, flowers and/or petals, immature seeds, twig fragments]
cf. Leguminosae (?pea family) [charred seeds]
Ulex sp(p). (gorses) [immature pods and/or pod fragments, leaf/leaves, leafy shoot and twig fragments] [N.B. This material is probably all *U. europaeus*]
U. europaeus L. (common gorse) [flowers]
Vicia sp(p). (vetches, etc.) [charred seeds]
cf. Vicia sp(p). (?vetches, etc.) [charred cotyledons and seeds]
V. faba L. (field bean) [charred seeds]
cf. V. faba L. (?field bean) [charred cotyledons and seeds]
cf. Pisum sp(p). (?peas) [charred cotyledons and seeds]
cf. P. sativum L. (?garden/field pea) [charred seeds]
Linum usitatissimum L. (cultivated flax) [charred capsule fragments, charred seeds, uncharred seed fragments]
Euphorbia helioscopia L. (sun spurge) [seeds]
Ilex aquifolium L. (holly) [charred seeds, uncharred leaf epidermis fragments and prickles]
Vitis vinifera L. (grape) [seeds]
Hypericum sp(p). (St John's-worts) [seeds]
Viola sp(p). (violets/pansies, etc.) [seeds]
Bryonia cretica ssp. *dioica* (Jacq.) Tutin (white bryony) [seeds]
Lythrum salicaria L. (purple loosestrife) [seeds]

Anthriscus sylvestris (L.) Hoffm. (cow parsley) [mericarps]
 [mericarps]
Scandix pecten-veneris L. (shepherd's needle) [mericarps]
 [mericarps]
Aethusa cynapium L. (fool's parsley) [mericarps]
Conium maculatum L. (hemlock) [mericarps and mericarp fragments]
Pastinaca sativa L. (wild parsnip) [mericarps]
Heracleum sphondylium L. (hogweed) [mericarps]
P. sativum/*H. sphondylium* (wild parsnip/hogweed) [mericarps]
Torilis japonica (Houtt.) DC. (upright hedge-parsley) [mericarps]
 cf. *Daucus carota* L. (?wild carrot) [mericarps]
Erica tetralix L. (cross-leaved heath) [charred and uncharred leaf/leaves, charred and uncharred seeds]
E. cinerea L. (bell heather) [leaf/leaves, seeds]
Calluna vulgaris (L.) Hull (heather, ling) [charred and uncharred buds, capsules, charred flowers, charred and uncharred leaf/leaves, charred and uncharred shoot fragments, root and/or twig fragments]
 cf. *C. vulgaris* (L.) Hull (?heather, ling) [charred and uncharred root and/or twig fragments]
Anagallis arvensis L. (scarlet pimpernel) [seeds]
Fraxinus excelsior L. (ash) [charcoal, fruit fragments, twig fragments]
Menyanthes trifoliata L. (bogbean) [charred and uncharred seeds]
Galium sp(p). (bedstraws, etc.) [charred fruits]
G. aparine L. (goosegrass, cleavers) [charred fruits]
Verbena officinalis L. (vervain) [nutlets]
 Labiatae (mint family) [nutlets]
Ajuga cf. *reptans* L. (?bugle) [charred nutlets]
Scutellaria galericulata L. (skullcap) [nutlets]
Marrubium vulgare L. (white horehound) [calyx/calyces, nutlets]
Galeopsis sp(p). (hemp-nettles) [charred and uncharred nutlets]
G. Subgenus *Galeopsis* (hemp-nettles) [charred and uncharred nutlets]
Lamium Section *Lamiopsis* (annual dead-nettles) [nutlets]
Stachys sp(p). (woundworts) [nutlets]
Prunella vulgaris L. (selfheal) [charred and uncharred nutlets]
Atropa bella-donna L. (deadly nightshade) [seeds]
Hyoscyamus niger L. (henbane) [seeds]
Solanum nigrum L. (black nightshade) [seeds]
S. dulcamara L. (woody nightshade) [seeds]
Scrophularia sp(p). (figworts) [seeds]
 cf. *Scrophularia* sp(p). (?figworts) [charred seeds]
Rhinanthus sp(p). (yellow rattles) [seeds]
Plantago major L. (greater plantain) [seeds]

P. lanceolata L. (ribwort plantain) [charred seeds]
Sambucus cf. *ebulus* L. (?danewort) [charred and uncharred seeds]
S. nigra L. (elder) [charred and uncharred seeds and seedfragments, twig fragments]
Valerianella dentata (L.) Pollich (narrow-fruited cornsalad) [fruits]
Knautia arvensis (L.) Coulter (field scabious) [fruits]
Campanula cf. *rotundifolia* L. (?harebell, bluebell) [seeds]
 Compositae (daisy family) [involucre fragments]
Anthemis cotula L. (stinking mayweed) [charred and uncharred achenes]
Chrysanthemum segetum L. (corn marigold) [charred and uncharred achenes and charred achene fragments]
Arctium sp(p). (burdocks) [achenes, involucre bracts/hooks, involucre/fragments]
Carduus/Cirsium sp(p). (thistles) [achenes]
Centaurea sp(p). (knapweeds, etc.) [charred and uncharred achenes and charred achene fragments]
 cf. *Arnoseris minima* (L.) Schweigger & Koerte (swine's succory) [achenes]
Hypochoeris sp(p). (cat's ears) [achenes]
Leontodon sp(p). (hawkbits) [charred and uncharred achenes]
Picris echioides L. (bristly ox-tongue) [achenes]
Sonchus asper (L.) Hill (prickly sow-thistle) [achenes]
S. cf. *oleraceus* L. (?sow-thistle) [achenes]
S. cf. *arvensis* L. (?corn sow-thistle) [achenes]
Lapsana communis L. (nipplewort) [charred and uncharred achenes]
Alisma sp(p). (water-plantains) [carpels and/or seeds]
Juncus sp(p). (rushes) [charred and seeds, uncharred seeds, silicified aerenchymatous pith]
J. inflexus/effusus/conglomeratus (hard/soft/compact rush) [seeds]
 cf. *J. squarrosus* L. (?heath rush) [charred seeds]
J. gerardi Loisel. (mud rush) [seeds]
J. bufonius L. (toad rush) [seeds]
 Gramineae (grasses) [charred and uncharred caryopses, uncharred spikelets/spikelet fragments]
 Gramineae/Cerealina (grasses/cereals) [charred caryopses, charred and uncharred culm fragments, charred and uncharred culm nodes, uncharred chaff]
 Cerealina indet. (cereals) [charred awns/awn fragments, charred caryopses, charred chaff fragments, charred and uncharred rachis fragments]
Bromus sp(p). (bromes, etc.) [charred caryopsis/es]

<i>Triticum</i> sp(p). (wheats) [charred caryopsis/es, glume bases, rachis fragments		HEMIPTERA	
<i>T. aestivo-compactum</i> (bread/club wheat) [charred caryopses]		<i>Sehirus ?luctuosus</i> (Mulsant & Rey)	oa-p
<i>Triticum/Secale</i> (wheat and/or rye) [waterlogged caryopses and periderm fragments ('bran')]		<i>Rhacognathus punctatus</i> (Linnaeus)	oa-p-m
<i>Triticum/Hordeum</i> sp(p). (wheat and/or barley) [charred rachis fragments]		<i>Heterogaster urticae</i> (Fabricius)	oa-p
<i>Secale cereale</i> L. (rye) [charred caryopses]		<i>Scolopostethus decoratus</i> (Hahn)	oa-p-m
cf. <i>S. cereale</i> L. (?rye) [charred rachis fragments, uncharred caryopses]		<i>Anthocoris</i> sp.	oa-p
<i>Hordeum</i> sp(p). (barley) [charred caryopses]		<i>Lyctocoris campestris</i> (Fabricius)	rd-st
<i>H. vulgare</i> L. (six-row barley) [charred caryopsis/es, some twisted grains]		Cimicidae sp.	oa-p
<i>Avena</i> sp(p). (oats) [charred caryopsis/es]		Miridae sp.	oa-p
cf. <i>Avena</i> sp(p). (?oats) [charred chaff, charred spikelets/spikelet fragments]		Corixidae sp.	oa-w
<i>A. fatua</i> L. (wild oat) [charred spikelets/spikelet fragments]		<i>Philaenus</i> sp.	oa-p
<i>A. sativa</i> L. (cultivated oat) [charred spikelets/spikelet fragments]		<i>Ulopa reticulata</i> (Fabricius)	oa-p-m
<i>Alopecurus</i> sp(p). (foxtails) [waterlogged caryopsis/es]		Auchenorhyncha spp.	oa-p
<i>Lemna</i> sp(p). (duckweeds) [fronds]		* <i>Lepidosaphes ulmi</i> (Linnaeus)	oa-p
<i>Typha</i> sp(p). (bulrushes) [seeds]		Hemiptera sp. indet.	u
Cyperaceae (sedge family) [papillose epidermis fragments]			
cf. Cyperaceae [papillose epidermis fragments]		TRICHOPTERA	
<i>Scirpus maritimus/lacustris</i> (sea club-rush/bulrush) [charred nutlets]		*Trichoptera sp.	oa-w
<i>S. setaceus</i> L. (bristle club-rush) [nutlets]			
<i>Eriophorum vaginatum</i> L. (cotton-grass) [charred sclerenchyma spindles]		DIPTERA	
<i>Eleocharis palustris</i> sensu lato (common spike-rush) [charred and uncharred nutlets]		*Limosininae sp.	
<i>Cladium mariscus</i> (L.) Pohl (great sedge/saw-sedge) [charred and uncharred leaf fragments, charred and uncharred nutlets]		*Bibionidae sp.	u
<i>Carex</i> sp(p). (sedges) [charred and uncharred nutlets]		* <i>Eristalis tenax</i> (Linnaeus) (larva spiracular process)	u
		*Syrphidae sp. indet. (larva)	u
		* <i>Sepsis</i> sp.	
		*Sepsidae sp. (puparium)	u
		* <i>Copromyza</i> sp.	
		* <i>Thoracochaeta zosteriae</i> (Haliday)	rf
		*Leptocerinae sp.	
		*Sphaeroceridae sp. (puparium)	rt
		* <i>Drosophila</i> cf. <i>funnebris</i> (Fabricius)	
		*Muscidae sp. (puparium)	u
		*? <i>Spilogona</i> sp.	
		* <i>Limnophila (Phylidorea)</i> sp.	
		* <i>Chironomus</i> sp.	
		*? <i>Scatopse notata</i> (Linnaeus)	
		*Heleomyzidae sp.	
		* <i>Mayetiola</i> sp.	
		* <i>Themira putris</i> (Linnaeus)	
		*Piophilidae sp.	
		*Ephydriidae sp.	
		* <i>Philygria</i> sp.	
		* <i>Melanagromyza</i> sp.	
		* <i>Scathophaga</i> sp.	
		*? <i>Herniosina bequaerti</i>	
		* <i>Spelobia</i> sp.	
		*? <i>Telomerina flavipes</i> (Meigen)	
		* <i>Zaphne</i> sp.	
		*Diptera sp. (larva)	u
		*Diptera sp. (pupa)	u
		*Diptera sp. and spp. indet. (puparium)	u
		*Diptera sp. (adult)	u
ANIMALS			
Nematoda			
*? <i>Heterodera</i> sp. (cyst)	u		
Oligochaeta			
*Oligochaeta sp. (egg capsule)	u		
Crustacea			
* <i>Daphnia</i> sp. (ephippium)	oa-w		
Insecta			
DERMAPTERA			
*Dermaptera sp.	u		

SIPHONAPTERA		<i>Cercyon analis</i> (Paykull)	rt-sf
* <i>Pulex irritans</i> Linnaeus	ss	<i>C. atricapillus</i> (Marsham)	rf-st
		<i>C. haemorrhoidalis</i> (Fabricius)	rf-sf
		<i>Cercyon</i> spp. indet.	u
HYMENOPTERA		<i>Megasternum obscurum</i> (Marsham)	rt
*Formicidae sp.	u	<i>Cryptopleurum minutum</i> (Fabricius)	rf-st
		<i>Hydrobius fuscipes</i> (Linnaeus)	oa-w
COLEOPTERA		Hydrophilinae spp.	oa-w
<i>Notiophilus</i> sp.	oa	Hydrophilidae sp. indet.	u
<i>Loricera pilicornis</i> (Fabricius)	oa	<i>Acritus nigricornis</i> (Hoffmann)	rt-st
<i>Clivina fossor</i> (Linnaeus)	oa	Histerinae sp.	rt
<i>Clivina</i> sp. indet.	oa	<i>Ochthebius minimus</i> (Fabricius)	oa-w
<i>Patrobus ?atorufus</i> (Strom)	oa	<i>Ochthebius</i> sp. indet.	oa-w
<i>Patrobus</i> sp. indet.	oa	<i>Hydraena testacea</i> Curtis	oa-w
<i>Trechus obtusus</i> or <i>quadristriatus</i>	oa	<i>Hydraena</i> sp.	oa-w
<i>T. micros</i> (Herbst)	u	<i>Limnebius</i> spp.	oa-w
<i>Trechus</i> sp. indet.	ob	<i>Ptenidium</i> sp.	rt
<i>Bembidion lampros</i> (Herbst)	oa	Ptiliidae sp.	u
<i>B. dentellum</i> (Thunberg)	oa-d	Leiodidae sp.	u
<i>B. guttula</i> (Fabricius)	oa	<i>Catops</i> sp.	u
<i>B. guttula</i> or <i>mannerheimi</i>	oa	<i>Silpha atrata</i> Linnaeus	u
<i>Bembidion</i> (<i>Philochthus</i>) spp.	oa	Silphidae sp.	u
<i>Bembidion</i> spp. and spp. indet.	oa	Scydmaenidae sp.	u
<i>Pterostichus cupreus</i> (Linnaeus)	oa	<i>Micropeplus fulvus</i> Erichson	rt
<i>P. madidus</i> (Fabricius)	ob-st	<i>Micropeplus</i> sp. indet.	rt
<i>P. melanarius</i> (Illiger)	ob	<i>Megarthus denticollis</i> (Beck)	rt-sf
<i>P. minor</i> (Gyllenhal)	oa	<i>M. sinuaticollis</i> (Boisduval & Lacordaire)	rt-sf
<i>P. niger</i> (Schaller)	oa	<i>Megarthus</i> sp. indet.	rt
<i>Pterostichus</i> spp. indet.	ob	<i>Olophrum</i> sp.	oa
<i>Abax parallelepipedus</i> (Piller and Mitterpacher)	ob	<i>Lesteva longoelytrata</i> (Goeze)	oa-d
<i>Calathus</i> sp.	oa	<i>Phyllodrepa ?floralis</i> (Paykull)	rt-sf
<i>Agonum</i> sp.	oa	<i>Phyllodrepa</i> sp. indet.	rt
<i>Amara ?equestris</i> (Duftschmid)	oa	<i>Omalium excavatum</i> Stephens	rt-sf
<i>Amara</i> sp.	oa	<i>O. caesum</i> or <i>italicum</i>	rt-sf
<i>Harpalus rufipes</i> (Degeer)	oa	<i>O. rivulare</i> (Paykull)	rt-sf
<i>H. affinis</i> (Schrank)	oa	<i>Xylodromus concinnus</i> (Marsham)	rt-st
<i>Harpalus</i> sp. indet.	oa	Omalinae spp.	u
<i>Bradycellus ruficollis</i> (Stephens)	oa-m	<i>Coprophilus striatulus</i> (Fabricius)	rt-st
<i>Bradycellus</i> sp.	oa	<i>Carpelimus bilineatus</i> Stephens	rt-sf
<i>Dromius linearis</i> (Olivier)	oa	<i>C. corticinus</i> (Gravenhorst)	oa-d
<i>Metabletus foveatus</i> (Fourcroy)	oa	<i>C. elongatulus</i> (Erichson)	oa-d
Carabidae spp. and spp. indet.	ob	<i>C. fuliginosus</i> (Gravenhorst)	st
<i>Hyphydrus ovatus</i> (Linnaeus)	w	<i>C. rivularis</i> (Motschulsky)	ob-d
<i>Potamonectes depressus elegans</i> (Panzer)	oa-w	<i>Carpelimus</i> sp. and sp. indet.	u
Hydroporinae spp.	oa-w	? <i>Thinobius</i> sp.	u
<i>Platambus maculatus</i> (Linnaeus)	w	<i>Aploderus caelatus</i> (Gravenhorst)	rt
<i>Agabus bipustulatus</i> (Linnaeus)	oa-w	<i>Platystethus arenarius</i> (Fourcroy)	rf
<i>Colymbetes fuscus</i> (Linnaeus)	oa-w	<i>P. cornutus</i> group	oa-d
Dytiscidae sp.	oa-w	<i>P. nitens</i> (Sahlberg)	oa-d
Gyrinus sp.	oa-w	<i>Anotylus complanatus</i> (Erichson)	rt-sf
<i>Hygrotus inaequalis</i> (Fabricius)	oa-w	<i>A. nitidulus</i> (Gravenhorst)	rt-d
<i>Helophorus aequalis</i> (Thomson)	oa-w	<i>A. rugosus</i> (Fabricius)	rt
<i>H. ?grandis</i> Illiger	oa-w	<i>A. sculpturatus</i> group	rt
<i>H. nubilus</i> Fabricius	oa	<i>A. tetracarinatedus</i> (Block)	rt
<i>Helophorus</i> spp.	oa-w	<i>Oxytelus sculptus</i> Gravenhorst	rt-st
<i>Sphaeridium</i> sp.	rf	<i>Lathrobium</i> sp.	u
<i>Stenus</i> spp.	u		

<i>?Sunius melanocephalus</i> (Fabricius)	rt	<i>Malthodes</i> sp.	ob
<i>Lithocharis</i> sp.	rt	Cantharidae sp.	ob
<i>Rugilus ?orbiculatus</i> (Paykull)	rt-sf	<i>?Dermestes</i> sp.	rt-sf
Paederinae sp. indet.	u	<i>Attagenus pellio</i> (Linnaeus)	rd-sf
<i>Gyrohypnus ?punctulatus</i> (Paykull)	rt-st	<i>Anthrenus</i> sp.	rt-sf
<i>Gyrohypnus</i> sp. indet.	rt	Dermestidae sp. indet.	rt-sf
<i>Xantholinus longiventris</i> Heer	rt-sf	<i>Xestobium rufovillosum</i> (Degeer)	l-st
<i>Xantholinus</i> sp. indet.	u	<i>Anobium punctatum</i> (Degeer)	l-sf
<i>Neobisnius villosulus</i> (Stephens)	u	<i>Tipnus unicolor</i> (Piller & Mitterpacher)	rd-st
<i>Neobisnius</i> sp. indet.	u	<i>Ptinus fur</i> (Linnaeus)	rd-sf
<i>Philonthus</i> spp.	u	<i>Ptinus</i> sp. indet.	rd-sf
<i>Gabrius</i> sp.	rt	<i>Lyctus linearis</i> (Goeze)	l-sf
<i>Creophilus maxillosus</i> (Linnaeus)	rt	?Cleridae sp.	u
<i>Quedius</i> sp.	u	<i>?Axinotarsus</i> sp.	ob
Staphylininae spp. indet.	u	<i>Meligethes</i> sp.	oa-p
<i>Mycetoporus</i> sp.	u	<i>Omosita discoidea</i> (Fabricius)	rt-sf
<i>?Sepedophilus</i> sp.	u	<i>Rhizophagus</i> sp.	u
<i>Tachyporus obtusus</i> (Linnaeus)	u	<i>Cryptophagus scutellatus</i> Newman	rd-st
<i>Tachyporus</i> spp.	u	<i>Cryptophagus</i> spp.	rd-sf
<i>Tachinus signatus</i> Gravenhorst	u	<i>Atomaria nigripennis</i> (Kugelann)	rd-ss
<i>Tachinus</i> sp.	u	<i>Atomaria</i> spp.	rd
<i>Falagria ?caesa</i> Erichson	rt-st	<i>Ephistemus globulus</i> (Paykull)	rd-sf
<i>Falagria</i> sp. indet.	rt-sf	<i>Phalacrus</i> sp.	oa-p
<i>Drusilla canaliculata</i> (Fabricius)	u	<i>Anommatum duodecimstriatum</i> (Muller)	rt-st
Aleocharinae spp.	u	<i>Orthoperus</i> spp.	rt
Staphylinidae sp. indet.	u	<i>Adalia bipunctata</i> (Linnaeus)	oa-p
<i>Bryaxis/Bythinus</i> sp.	u	<i>Chilocorus bipustulatus</i> (Linnaeus)	oa-p
Pselaphidae spp.	u	Coccinellidae sp. indet.	oa-p
<i>Geotrupes spiniger</i> (Marsham)	oa-rf	<i>Mycetaea hirta</i> (Marsham)	rd-ss
<i>Geotrupes</i> sp.	oa-rf	<i>Lathridius minutus</i> group	rd-st
<i>Aphodius ?contaminatus</i> (Herbst)	oa-rf	<i>Enicmus</i> sp.	rt-sf
<i>A. equestris</i> (Panzer)	oa-rf	<i>Dienerella</i> sp.	rd-sf
<i>A. prodromus</i> (Brahm)	ob-rf	<i>Corticaria</i> spp.	rt-sf
<i>A. rufipes</i> (Linnaeus)	oa-rf	<i>Corticarina</i> spp.	rt
<i>Aphodius</i> spp. and spp. indet.	ob-rf	<i>Corticaria gibbosa</i> (Herbst)	rt
<i>Onthophagus</i> sp.	oa-rf	<i>Typhaea stercorea</i> (Linnaeus)	rd-ss
<i>Phyllopertha horticola</i> (Linnaeus)	oa-p	<i>Aglenus brunneus</i> (Gyllenhal)	rt-ss
?Melolonthinae/Rutelinae/Cetoniae sp.	oa-p	<i>Tenebrio obscurus</i> Fabricius	rt-ss
<i>Cyphon</i> sp.	oa-d	<i>?Anaspis</i> sp.	ob
<i>Byrrhus</i> sp.	oa-p	<i>Stenocorus meridianus</i> (Linnaeus)	l
<i>Esolus parallelepipedus</i> (Muller)	oa-w	<i>Bruchus</i> sp.	u
<i>Limnius</i> sp.	oa-w	Bruchinae sp.	u
<i>?Normandia nitens</i> (Muller)	oa-w	Donaciinae sp.	oa-w-p
<i>Oulimnius</i> sp.	oa-w	<i>?Lema</i> or <i>Oulema</i> sp.	oa-p
<i>Agrypnus murinus</i> (Linnaeus)	oa-p	<i>?Chrysolina</i> sp.	oa-p
<i>Zoroehrus minimus</i> (Boisduval & Lacordaire)	oa-d	<i>Gastrophysa viridula</i> (Degeer)	oa-p
<i>Melanotus</i> sp.	l	<i>Hydrothassa ?marginella</i> (Linnaeus)	oa-d-p
<i>Athous haemorrhoidalis</i> (Fabricius)	oa-p	<i>Chrysolina</i> or <i>Chrysomela</i> sp. indet.	oa-p
<i>Prosternon tessellatum</i> (Linnaeus)	oa	Chrysomelinae sp. indet.	oa-p
<i>Agriotes</i> sp.	oa-p	<i>Phyllotreta nemorum</i> group	oa-p
<i>?Adrastus pallens</i> (Fabricius)	oa-p	<i>Phyllotreta</i> spp.	oa-p
Elateridae spp. and spp. indet.	ob	<i>Longitarsus</i> spp.	oa-p
<i>Trixagus</i> sp.	u	<i>Altica</i> sp.	oa-p
<i>Chaetocnema concinna</i> (Marsham)	oa-p	<i>Chalcoides</i> sp.	oa-p
Halticinae spp. indet.	oa-p	*Chrysomelidae sp. indet. (larva)	oa-p
		<i>Apion (Oxystoma)</i> sp.	oa-p

<i>Apion (Protapion) nigritarse</i> Kirby	oa-p	cf. <i>Rutilus rutilus</i> (L.)	?roach
<i>Apion (Protapion)</i> sp.	oa-p	cf. <i>Leuciscus cephalus</i> (L.)	?chub
<i>Apion</i> spp. and spp. indet.	oa-p		Cyprinidae
<i>Phyllobius oblongus</i> (Linnaeus)	oa-p		Cyprini
<i>Phyllobius</i> or <i>Polydrusus</i> sp.	oa-p		d family
<i>Strophosomus faber</i> (Herbst)	oa-p	<i>Anguilla anguilla</i> (L.)	eel
<i>Strophosomus sus</i> Stephens	oa-p-m	cf. <i>Gadus morhua</i> L.	?cod
<i>Tropiphorus obtusus</i> (Bonsdorff)	oa-p	<i>Melanogrammus aeglefinus</i> (L.)	haddock
<i>Sitona</i> spp.	oa-p	Gadidae	cod family
<i>Hypera punctata</i> (Fabricius)	oa-p	<i>Perca fluviatilis</i> L.	perch
<i>Hypera</i> sp.	oa-p	cf. <i>Labrus bergylta</i> (Ascanius)	?ballan wrasse
<i>Leiosoma</i> sp.	oa-p	Pleuronectidae	flatfish family
<i>Cleonus piger</i> (Scopoli)	oa-p		
<i>Tanysphyrus lemnae</i> (Paykull)	oa-w-p	AMPHIBIA	
<i>Sitophilus granarius</i> (Linnaeus)	g-ss	Amphibia indet.	
? <i>Dorytomus</i> sp.	oa-p		
<i>Micrelus ericae</i> (Gyllenhal)	oa-p-m	AVES	
<i>Cidnorhinus quadrimaculatus</i> (Linnaeus)	oa-p	<i>Anser</i> sp.	goose
<i>Ceutorhynchus</i> sp.	oa-p	<i>Anas</i> sp.	duck
<i>Rhinoncus pericarpus</i> (Linnaeus)	oa-p	<i>Gallus</i> f. domestic	chicken
Ceutorhynchinae spp. and spp. indet.	oa-p	cf. <i>Milvus milvus</i> (L.)	?red kite
? <i>Anthonomus</i> sp.	oa-p	cf. <i>Strix aluco</i> (L.)	?tawny owl
? <i>Gymnetron</i> sp.	oa-p	Turdidae	thrush family
Curculionidae spp. and spp. indet.	oa		
<i>Scolytus</i> sp.	l	MAMMALIA	
? <i>Leperisinus</i> sp.	l	<i>Sorex araneus</i> L.	common shrew
?Scolytidae sp.	l	<i>Microtus agrestis</i> (L.)	field vole
Coleoptera spp. and spp. indet.	u	cf. <i>Apodemus sylvaticus</i> (L.)	?wood mouse
*Coleoptera sp. indet. (larva)	u	<i>Apodemus</i> sp?p.	wood/yellow necked mouse
*Insecta sp. pupa	u	Arvicolinae/Murinae	vole/mouse
Arachnida		<i>Canis</i> f. domestic	dog
*Acarina sp.	u	<i>Felis</i> f. domestic	cattle
*Aranae sp.	u	<i>Equus</i> f. domestic	horse
		<i>Sus</i> f. domestic	pig
		<i>Cervus elaphus</i> L.	red deer
Mollusca		<i>Bos</i> f. domestic	cattle
* <i>Pupilla muscorum</i> (Linnaeus)		<i>Capra</i> f. domestic	goat
* <i>Ostrea edulis</i> Linnaeus		<i>Ovis</i> f. domestic	sheep
		<i>Capra/Ovis</i>	goat/sheep
Bryozoa			
* <i>Cristatella mucedo</i> (statoblast) Cuvier	u	<i>Other components of samples recorded during examination of plant macrofossils (with an explanation, where necessary, of the terms or abbreviations, as used in Table 2; ch = charred; fgts = fragments, throughout).</i>	
Vertebrata			
PISCES			
Rajidae	ray		
<i>Clupea harengus</i> L.	herring		
Clupeidae	herring family	amphibian bone	
cf. <i>Salmo salar</i> L.	?salmon	anthers (indet.)	
Salmonidae	salmonid	ash	
<i>Esox lucius</i> L.	pike	'ash beads' (whitish vesicular beads presumed to originate in burning of organic matter)	
cf. <i>Abramis brama</i> (L.)	?bream		
cf. <i>Scardinius erythrophthalmus</i> (L.)	?rudd		
baked clay/daub		bark fgts (ch)	
bark fgts		bird bone	

bone fgts
 brick/tile
 burnt bone fgts
 burnt fish bone
 ?burnt peat fgts
 burnt soil
 caddis larva cases
 Cenococcum (sclerotia) (resting bodies of this soil-living fungus)
 chalk
 'char' (black vesicular material presumed to originate in burning of organic matter)
 charcoal
 charred buds
 charred herbaceous detritus
 charred leather fgts
 charred moss
 charred plant debris
 charred rhizome/root fgts
 cinders
 coal
 concreted sediment
 dicot lf fgts (fragments of leaves, probably from trees)
 dicot lf fgts (ch)
 dicot lf fgts (contaminant) (i.e. modern material)
 dicot stem fgts
 earthworm egg caps (egg capsules)
 eggshell fgts
 eggshell membrane fgts
 Fe object(s)
 ?faecal concretions
 fine plant detritus
 fish bone
 fish scale
 flint
 fly puparia
 glassy slag
 gravel
 grit
 herbaceous detritus
 iron-rich concretions
 iron-rich slag
 leaf ab pads (abscission pads from the junction of leaf stalk and twig of a tree)
 leather fgts
 ?leather fgts (ch)
 limestone
 Magnesian limestone
 mammal bone
 metallic slag
 mites
 monocot epid fgts (epidermis fragments from a monocotyledon, probably grass, rush or sedge)
 monocot lf/stem fgts
 monocot stem fgts (min) (mineralised)
 mortar

moss (contaminant) (i.e. modern)
 oyster shell fgts
 peat fgts
 pottery
 Pre-Quaternary megaspores (large spores originating in coal)
 rat-tailed maggot (resp proc) (respiratory process of the aquatic larva of hoverflies, Eristalinae**)
 root bark/epidermis fgts
 root bark/epidermis fgts (?mod
 root moulds (min) (mineralised linings of root channels)
 root/rhizome fgts (ch)
 root/rootlet fgts
 sand
 sclereids (from bark) (small lignified structures within the bark)
 silicified herbaceous detritus
 snails
 stone
 stones
 twig fgts
 twig fgts (ch)
 wood chips
 wood fgts
 wood fgts (contaminant) (i.e. modern)
 wood fgts (min)
 woody root fgts

Table 2. Lists of plant remains (and some other components recorded during sorting of plant material) from samples from North Bridge, Doncaster (in context/sample order).

The scores for 'amount' are on a 4-point scale for subsamples from GBAs and SPOTs (see text) and a 3-point scale for BS material. The last column gives some additional notes about the recorded material. Abbreviations: dec.—decayed; fgts—fragments; max.—maximum; v.—very For other abbreviations, see last part of Table 1.

Context: 1001 Sample: 11/TA		Sample: 29/TA	
bone fgts	1	charcoal	1 max. size 2mm
charcoal	1 max. size 2mm	coal	1 max. size 40mm
coal	1 max. size 2mm	gravel	1
concreted sediment	1	moss (contaminant)	1
earthworm egg caps	1	sand	1
gravel	1		
Heterodera (cysts)	1	Context: 1021	
oyster shell fgts	1	Sample: 7/BS	
sand	1	cinders	1 max. size 15mm
wood fgts	1 very decayed		
Urtica dioica	3	Chenopodium album	1
Rumex sp(p).	1	Sambucus nigra	1
Conium maculatum (mf)	1	Triticum cf. aestivo-compactum	1
Labiatae	1	Hordeum sp(p).	1
Sambucus nigra	1 including fgts		
		Context: 1023	
Sample: 12/BS		Sample: 8/BS	
coal	1 max. size 2mm	charcoal	1
earthworm egg caps	2	Atriplex sp(p).	1
fish scale	1 max. size 5mm	cf. Vicia sp(p).	1
Pre-Quaternary megaspores	1	Aethusa cynapium	1
Corylus avellana	1 max. size 10mm	Sambucus nigra	1
Urtica dioica	2		
Chenopodium album	1	Context: 1030	
Silene alba	1	Sample: 10/T	
Rubus fruticosus agg.	1	bone fgts	1 max. size 25mm
cf. Prunus Section Cerasus	1 fragment(s) only	chalk	1 max. size 15mm
Euphorbia helioscopia	1	charcoal	1 max. size 10mm
Conium maculatum (mf)	1	cinders	1 max. size 20mm
Lamium Section Lamiopsis	1	coal	2 max. size 30mm
Stachys sp(p).	1	gravel	1 max. size 25mm
Hyoscyamus niger	1	Heterodera (cysts)	1
Sambucus nigra	2	sand	3
		Rumex sp(p). (ch)	1
Context: 1008		Menyanthes trifoliata (ch)	1 a single specimen
Sample: 2/BS		Ajuga cf. reptans (ch)	1 a single specimen
Rumex sp(p). (ch)	1	Hyoscyamus niger	1
Sambucus nigra	1	Sambucus nigra	1 including fgts
Hordeum sp(p).	1	Cerealia indet.	1
		Triticum cf. aestivo-compactum	1
Context: 1009			
Sample: 3/BS		Context: 1031	
Rumex sp(p).	1	Sample: 18/BS	
Atropa bella-donna	1	sample examined but no plant remains recorded	
Sambucus nigra	1		
cf. Triticum sp(p).			
Context: 1020			

Sample: 19/T		Conium maculatum (mf)	1
bark fgts	1 v. dec., max. size 10mm	Sambucus nigra	1 including fgts
bone fgts	1 max. size 15mm	Carex sp(p).	1
coal	1 max. size 15mm		
earthworm egg caps	1	Context: 1087	
eggshell fgts	1	Sample: 123/T	
grit	2		
mortar	1 max. size 10mm	beetles	1
sand	1	burnt bone fgts	1 max. size 25mm
snails	1	charcoal	1 max. size 5mm
stones	1 max. size 20mm	cinders	3 max. size 30mm
unwashed organic sediment	2	coal	3 max. size 40mm
wood fgts	3 v. dec., max. size 30mm	earthworm egg caps	1
		fish bone	1 max. size 3mm
Salix sp(p). (tw fgts)	1 max. size 10mm	fly puparia	1
Ulex sp(p). (lfy sht fgts)	1	leaf ab pads	1
Sambucus nigra	1	leather fgts	1 max dimension 150mm
		sand	3
Context: 1045		stone	1 max. size 35mm
Sample: 22/TA		twig fgts	1 v. dec., max. size 15mm
?burnt soil	1	wood fgts	2 v. dec., max. size 15mm
brick/tile	1 max. size 10mm		
charcoal	1 max. size 2mm	Corylus avellana	1 max. size 5mm
gravel	1	Ficus carica	1
sand	1	Cannabis sativa	1 including fgts
		Urtica dioica	2
Context: 1052		Polygonum aviculare agg.	1
Sample: 31/BS		Bilderdykia convolvulus	1 including fgts
Sambucus nigra	1	Rumex sp(p).	2
Cerealia indet.	1	Rumex acetosella agg.	1
Triticum cf. aestivo-compactum	1	Chenopodium album	2
cf. Secale cereale	1	Atriplex sp(p).	1
		Stellaria media	2
Context: 1058		Stellaria palustris/graminea	1
Sample: 32/TA		Agrostemma githago (sf)	1
charcoal	1	Silene vulgaris	1
fish bone	1	Silene alba	1
gravel	1	Ranunculus Section Ranunculus	2
mammal bone	1	Ranunculus flammula	1
sand	1	Ranunculus Subgenus Batrachium	1
		Papaver rhoeas/dubium	1
Sample: 33/BS		Descurainia sophia	1
Pre-Quaternary megaspores	1	Coronopus squamatus (fr)	1 fragment(s) only
Polygonum persicaria/lapathifolium	1	Brassica sp(p).	1 including fgts
cf. Pisum sp(p). (ch cot)	1	Brassica sp./Sinapis arvensis	1
Sambucus nigra (sf)	1	Raphanus raphanistrum (pod segs/fgts)	1
Cladium mariscus	1	Rubus fruticosus agg.	1
		Potentilla cf. erecta	1
Context: 1082		Fragaria cf. vesca	1 a single specimen
Sample: 41/TA		Viola sp(p).	1
charcoal	1	Scandix pecten-veneris	1 including fgts
Urtica dioica	1	Anagallis arvensis	1
Chenopodium murale	1	Galeopsis Subgenus Galeopsis	1
Atriplex sp(p).	1	Lamium Section Lamiopsis	1
Aethusa cynapium	1	Stachys sp(p).	1
		Hyoscyamus niger	1
		Solanum nigrum	2
		Sambucus nigra	1 including fgts
		Anthemis cotula	1
		Arctium sp(p).	1
		Carduus/Cirsium sp(p).	1
		Gramineae	1
		Avena sp(p).	1
		Alopecurus sp(p).	1

Carex sp(p).	1	nutlets with utricles and/or free utricles	Sample: 49/BS	
Sphagnum sp(p). (lvs)	1			
Sphagnum imbricatum (lvs)	1		bark fgts	3 max. size 15mm
			twig fgts	1 max. length 30mm
			by width/diameter 5mm	
Sample: 124/BS			wood fgts	1 max. size 10mm
bark fgts	1	max. size 20mm		
charcoal	1	max. size 15mm	Sample: 50/TA	
cinders	1	max. size 20mm		
earthworm egg caps	1		bark fgts	1 max. size 25mm
twig fgts	1	max. length 25mm by width/diameter 5mm	brick/tile	1
			charcoal	1
wood fgts	1	max. size 15mm	cinders	1
			coal	2
Corylus avellana	1	max. size 10mm	earthworm egg caps	1
Cannabis sativa	1		gravel	2
Bilderdykia convolvulus	1		sand	2
Prunus spinosa	1		wood fgts	2
Carduus/Cirsium sp(p).	1			
Cerealia indet.	1		Bilderdykia convolvulus (ff)	1
cf. Triticum aestivo-compactum	1		Rumex sp(p).	1
			Agrostemma githago (sf)	1
			Ranunculus Section Ranunculus	1
			Pastinaca sativa/Heracleum sphondylium	1 fragment(s) only
			Gramineae	1
			Gramineae/Cerealia (culm fgts)	1
			Carex sp(p).	1
			Thuidium cf. tamariscinum	1
			cf. Hypnum cupressiforme	1
Context: 1089			Sample: 56/TA	
Sample: 48/TA				
bark fgts	3	max. size 15mm	bark fgts	1
cinders	1		fly puparia	1
coal	2		sand	1
dicot lf fgts	1		twig fgts	1
fish bone	1			
fly puparia	1		Polygonum persicaria	1
gravel	1		Polygonum lapathifolium	1
sand	1		Bilderdykia convolvulus	1
sclereids (from bark)	1		Rumex sp(p). (inc per)	1
twig fgts	2		Ranunculus Section Ranunculus	1
wood fgts	2	max. size 15mm	Ranunculus flammula	2
			Leguminosae (fls/pet)	1
Corylus avellana (ch)	1		Pastinaca sativa/Heracleum sphondylium	1 fragment(s) only
Quercus sp(p). (b/bs)	1		Rhinanthus sp(p).	1
Ficus carica	1		Carduus/Cirsium sp(p).	1
Polygonum aviculare agg.	1		Centaurea sp(p).	1
Polygonum lapathifolium	1		Leontodon sp(p).	1
Bilderdykia convolvulus (ff)	1		Gramineae	2
Rumex sp(p).	1		Gramineae/Cerealia (c/n)	1
Rumex acetosella agg.	1		Gramineae/Cerealia (culm fgts)	2
Agrostemma githago (sf)	1		Gramineae/Cerealia (w/l chaff)	1
Ranunculus Section Ranunculus	1			
Ranunculus flammula	1		Context: 1100	
Filipendula ulmaria	1		Sample: 61/T	
Rubus fruticosus agg.	1			
Prunus domestica ssp. domestica	1	fragment(s) only	?cinders	1 max. size 30mm
Vitis vinifera	1		charcoal	1 max. size 5mm
Pastinaca sativa/Heracleum sphondylium	1	fragment(s) only	coal	1 max. size 5mm
Rhinanthus sp(p).	1		Cristatella (statoblasts)	1
Gramineae/Cerealia (c/n)	2		dicot lf fgts (contaminant)	1
Gramineae/Cerealia (culm fgts)	2		Pre-Quaternary megaspores	1
Cerealia indet. (w/l rachis fgts)	1		sand	1
Triticum/Secale (w/l)	1	fragment(s) only		
Thuidium cf. tamariscinum	1			
cf. Eurhynchium sp(p).	1			
cf. Hypnum cupressiforme	1			

Urtica dioica	2	sand	1
Rubus fruticosus agg.	1		
Hyoscyamus niger	1	Sample: 114/T	
Sambucus nigra (sf)	1		
Alisma sp(p).	1 'embryos' only	bone fgts	1 max. size 10mm
Gramineae	1 modern	charcoal	1 max. size 5mm
Gramineae (w/l spkts/fgts)	1 modern	coal	2 max. size 10mm
Sphagnum imbricatum (lvs)	1 a single specimen	gravel	1 max. size 35mm
		root/rootlet fgts	1
		sand	2
Sample 62/BS		Sambucus nigra	2
Chenopodium album	1		
cf. Calluna vulgaris (ch rt-tw fgts)	1		
Atropa bella-donna	1	Context: 1107	
Sambucus nigra	1	Sample: 55/T	
Chrysanthemum segetum (ch)	1		
Cerealia indet.	1	?burnt peat fgts	1 max. size 5mm
Avena sp(p).	1	charcoal	1 max. size 5mm
		coal	1 max. size 5mm
Sample: 63/T		Fe object(s)	1
charcoal	1 max. size 10mm	fish bone	1
charred rhizome/root fgts	1	fish scale	1 max. size 5mm
coal	1 max. size 15mm	gravel	1 max. size 5mm
fish bone	1	Pre-Quaternary megaspores	1
fish scale	1	sand	3
iron-rich concretions	1 max. size 5mm	wood fgts (min)	1
sand	2	cf. Calluna vulgaris (ch rt-tw fgts)	1 max. size 5mm
cf. Calluna vulgaris (ch rt-tw fgts)	1	Sambucus nigra	1 mostly fgts
		cf. Cerealia indet.	1
		Carex sp(p). (ch)	1
Sample: 78/TA		Sample: 74/BS	
charcoal	1	Sambucus nigra	1 including fgts
cinders	1		
coal	1		
gravel	1		
Context: 1100		Context: 1111	
Sample: 78/TA		Sample: 100/T	
root/rootlet fgts	1	?burnt peat fgts	1 max. size 5mm
sand	1	Cenococcum (sclerotia)	2
Sambucus nigra	2	charcoal	1 max. size 10mm
Sample: 81/TA		charred herbaceous detritus	1
charcoal	1 max. size 15mm	charred moss	1
coal	1 max. size 15mm	coal	1 max. size 5mm
gravel	1	Cristatella (statoblasts)	1
sand	1	gravel	1 max. size 10mm
Sambucus nigra	1 including fgts	iron-rich concretions	2 max. size 5mm
Sample: 82/TA		sand	2
bone fgts	1	cf. Calluna vulgaris (ch rt-tw fgts)	1
charcoal	1	Sambucus nigra (sf)	1
coal	1	Chrysanthemum segetum (ch)	1
gravel	1	cf. Juncus squarrosus (ch)	1
		Sample: 101/BS	
		charcoal	1 max. size 5mm
		fish bone	1
		cf. Calluna vulgaris (ch rt-tw fgts)	1

Context: 1112		charcoal	1 max. size 10mm
Sample: 76/TA		coal	1
charred herbaceous detritus	1	root moulds (min)	1
gravel	1	root/rootlet fgts	1
sand	1	sand	1
cf. <i>Calluna vulgaris</i> (ch rt-tw fgts)	1	<i>Urtica dioica</i>	1
		<i>Urtica urens</i>	1
Sample: 77/BS		<i>Atriplex</i> sp(p).	2
charcoal	2 max. size 15mm	<i>Sambucus nigra</i>	1 including fgts
cf. <i>Calluna vulgaris</i> (ch rt-tw fgts)	1		
Cerealia indet.	1		
cf. <i>Triticum</i> sp(p).	1		

Context: 1113			
Sample: 91/T			
bone fgts	1 max. size 15mm		
charcoal	2 max. size 10mm		
cinders	1 max. size 5mm		
coal	1 max. size 5mm		
fish bone	1 max. size 2mm		
fish scale	1 max. size 2mm		
gravel	1 max. size 10mm		
Pre-Quaternary megaspores	1		
sand	3		
<i>Rubus</i> sp(p).	1 fragment(s) only		
<i>Sambucus nigra</i>	1 including fgts		
cf. <i>Juncus</i> sp(p). (ch caps)	1		
Cerealia indet.	1		
<i>Cladium mariscus</i>	1		

Sample: 94/BS			
charcoal	1 max. size 10mm		

Context: 1117			
Sample: 75/TA			
charcoal	1		
charred herbaceous detritus	1		
cinders	1		
coal	1		
<i>Montia fontana</i> ssp. <i>chondrosperma</i>	1 ?charred		
cf. <i>Calluna vulgaris</i> (ch rt-tw fgts)	1		
<i>Carex</i> sp(p). (ch)	1		

Context: 1129			
Sample: 102/TA			
charcoal	1 max. size 20mm		
coal	1 max. size 20mm		
gravel	1		
root moulds (min)	1		
sand	1		

Context: 1136
Sample: 111/TA

Context: 1140			
Sample: 336/T			
burnt bone fgts	1 max. size 15mm		
charcoal	1 max. size 15mm		
coal	1 max. size 5mm		
fish bone	1 max. size 1mm		
fish scale	1 max. size 3mm		
gravel	1 max. size 20mm		
iron-rich concretions	1 max. size 10mm		
sand	3		
<i>Corylus avellana</i> (ch)	1 max. size 10mm		
<i>Polygonum persicaria/lapathifolium</i>	1		
<i>Bilderdykia convolvulus</i> (ch)	1		
<i>Rumex</i> sp(p). (ch)	1		
<i>Rumex acetosella</i> agg. (ch)	1		
<i>Chenopodium album</i> (ch)	1		
<i>Potentilla</i> cf. <i>reptans</i> (ch)	1 a single specimen		
cf. <i>Vicia</i> sp(p).	1		
cf. <i>Calluna vulgaris</i> (ch rt-tw fgts)	2 max. size 15mm		
<i>Anthemis cotula</i> (ch)	1		
<i>Chrysanthemum segetum</i> (ch)	2		
<i>Lapsana communis</i> (ch)	1		
Cerealia indet.	1		
<i>Triticum</i> cf. <i>aestivo-compactum</i>	1		
<i>Hordeum</i> sp(p).	1		
<i>Avena</i> sp(p).	1		
<i>Carex</i> sp(p). (ch)	1		

Sample: 337/BS			
charcoal	2 max. size 15mm		
cf. <i>Pisum</i> sp(p).	1		
cf. <i>Calluna vulgaris</i> (ch rt-tw fgts)	1		
<i>Galium aparine</i> (ch)	1		
<i>Triticum</i> sp(p).	1		
cf. <i>Secale cereale</i>	1		
<i>Hordeum</i> sp(p). (inc spr)	1		
<i>Avena</i> sp(p). (inc spr)	1		

Context: 1168			
Sample: 142/T			
bark fgts	1 max. size 10mm		
bone fgts	1 max. size 15mm		
charcoal	1 max. size 5mm		
charred herbaceous detritus	1		
fish scale	1		
gravel	1 max. size 30mm		
iron-rich concretions	2 max. size 10mm		
sand	3		
wood fgts (min)	1 max. size 5mm		

Urtica dioica	1	?modern	cf. Rumex sp(p). (ch)	1
Atriplex sp(p). (ch)	1		Chenopodium album (ch)	1
Stellaria media (ch)	1		charcoal	2 max. size 15mm
Agrostemma githago (ch)	1		charred herbaceous detritus	1
Papaver sp(p).	1	very decayed	coal	2 max. size 10mm
cf. Calluna vulgaris (ch rt-tw fgts)	1		Daphnia (ephippia)	1
Sambucus nigra (ch sf)	1		gravel	1 max. size 35mm
Chrysanthemum segetum (ch)	1		Pre-Quaternary megaspores	1
Juncus sp(p).	1		sand	2
Chara sp(p).	1		wood fgts	1 very decayed
			Urtica dioica	2
Sample: 143/BS			Chenopodium Section Pseudoblitum	1
			Chenopodium album	2
charcoal	2	max. size 15mm	Brassica sp./Sinapis arvensis	1
Corylus avellana (ch)	1	max. size 10mm	Viola sp(p).	1 a single fragment
Agrostemma githago (ch)	1		cf. Calluna vulgaris (ch rt-tw fgts)	1
Brassica sp./Sinapis arvensis	1		Sambucus nigra	2 including fgts
cf. Calluna vulgaris (ch rt-tw fgts)	1			
Galium aparine (ch)	1		Context: 1215	
Bromus sp(p).	1		Sample: 172/T	
Triticum sp(p).	1			
cf. Secale cereale	1		charcoal	1 max. size 10mm
Hordeum sp(p). (inc hulled)	1		charred herbaceous detritus	1
			coal	1 max. size 5mm
			Cristatella (statoblasts)	1
			fish scale	1 max. size 2mm
			gravel	1 max. size 10mm
			moss (contaminant)	1
			Pre-Quaternary megaspores	1
			sand	3
			Chenopodium album (ch)	1
			Spergula arvensis (ch)	1
			Brassica sp(p). (sf)	1
			Sambucus nigra (sf)	1
			cf. Juncus squarrosus (ch)	1
			Cerealia indet. (awns)	1
			Carex sp(p). (ch)	1
Context: 1184			Context: 1217	
Sample: 156 T/			Sample: 170/BS	
charcoal	1	max. size 5mm	sample examined but no plant remains recorded	
coal	1	max. size 5mm		
gravel	1	max. size 15mm		
Pre-Quaternary megaspores	1		Context: 1232	
sand	2		Sample: 204/BS	
Urtica dioica	1		charcoal	2 max. size 30mm
Ranunculus flammula (ch)	1		earthworm egg caps	1
			Rumex sp(p). (ch)	1
			Chenopodium album	1
			Atriplex sp(p).	1
			cf. Pisum sp(p).	1
			Linum usitatissimum (ch)	1
			Galium aparine (ch)	1
			Sambucus nigra	2
			Triticum sp(p).	1
			Hordeum sp(p).	1
Context: 1197			Sample: 205/T	
Sample: 161/T			charcoal	1 max. size 5mm
bird bone	1	max. size 40mm	charred rhizome/root fgts	1
charcoal	1	max. size 5mm		
coal	1	max. size 5mm		
gravel	1	max. size 10mm		
iron-rich concretions	2	max. size 20mm		
Pre-Quaternary megaspores	1			
sand	3			
Polygonum persicaria/lapathifolium	1			
Sambucus nigra (sf)	1			
Context: 1199				
Sample: 375/BS				
?burnt peat fgts	1	max. size 20mm		
charcoal	2	max. size 15mm		
Galium aparine (ch)	1			
cf. Triticum sp(p).	1			
Sample: 376/T				
Cenococcum (sclerotia)	1			

coal	1	max. size 35mm
Cristatella (statoblasts)	1	
Pre-Quaternary megaspores	1	
sand	2	
Urtica dioica	1	
cf. Calluna vulgaris (ch rt-tw fgts)	1	
Sambucus nigra (sf)	1	
Chrysanthemum segetum (ch)	1	

Context: 1237
Sample: 179/T

charcoal	1	max. size 10mm
coal	1	max. size 20mm
Cristatella (statoblasts)	1	
gravel	1	max. size 15mm
iron-rich concretions	2	
Pre-Quaternary megaspores	1	
sand	4	

Sambucus nigra (sf)	1	
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Context: 1248
Sample: 191/T

charcoal	1	max. size 15mm
coal	1	max. size 5mm
Cristatella (statoblasts)	1	
Pre-Quaternary megaspores	2	

Alnus sp(p).	1	a single fragment
Rumex sp(p).	1	
Calluna vulgaris (ch sht fgts)	1	
Calluna vulgaris (lvs)	1	max. size 3mm
cf. Calluna vulgaris (ch rt-tw fgts)	1	
Gramineae/Cerealia (ch c/n)	1	
Cerealia indet.	1	
Triticum aestivo-compactum	1	

Sample: 192/BS
sample examined but no plant remains recorded

Context: 1262
Sample: 213/T

burnt bone fgts	1	max. size 10mm
charcoal	2	max. size 20mm
coal	1	max. size 5mm
magnesian limestone	1	max. size 40mm
sand	2	

cf. Vicia sp(p). (cot)	1	
cf. Calluna vulgaris (ch rt-tw fgts)	1	
Sambucus nigra	1	
Cerealia indet.	1	
Carex sp(p). (ch)	1	

Sample: 214/BS

charcoal	2	max. size 20mm
Pre-Quaternary megaspores	1	

Rumex sp(p). (ch)	1	
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gravel	1	max. size 20mm
pottery	1	max. size 15mm
Ranunculus cf. sardous (ch)	1	
cf. Calluna vulgaris (ch rt-tw fgts)	1	
Sambucus nigra	1	
Chrysanthemum segetum (ch af)	1	
Lapsana communis (ch)	1	
Juncus sp(p). (ch caps)	1	

Context: 1262
Sample: 214/BS

Triticum sp(p).	1	
cf. Secale cereale	1	
Hordeum sp(p).	1	
Carex sp(p). (ch)	1	

Context: 1309
Sample: 215/T

?burnt peat fgts	1	max. size 10mm
charcoal	1	max. size 10mm
coal	1	max. size 10mm
gravel	1	max. size 10mm
peat fgts	2	max. size 10mm
sand	2	

cf. Vicia sp(p).	1	a single specimen
cf. Vicia sp(p). (cot)	1	

Context: 1310
Sample: 216/T

burnt bone fgts	1	max. size 5mm
burnt fish bone	1	max. size 5mm
charcoal	2	max. size 15mm
charred herbaceous detritus	2	
charred moss	1	
charred rhizome/root fgts	1	
coal	1	max. size 5mm
iron-rich concretions	1	
root moulds (min)	1	
sand	3	

Calluna vulgaris (ch sht fgts)	1	
cf. Calluna vulgaris (ch rt-tw fgts)	1	
Sambucus nigra (sf)	1	
Chrysanthemum segetum (ch)	1	
cf. Juncus squarrosus (ch)	1	
Triticum sp(p).	1	
Hordeum sp(p).	1	
Carex sp(p). (ch)	1	

Sample: 217/BS

charcoal	2	max. size 20mm
twig fgts (ch)	1	

Corylus avellana (ch)	1	max. size 10mm
cf. Pisum sp(p).	1	
Triticum sp(p).	1	
Hordeum sp(p).	1	
Avena sp(p). (inc spr)	1	

Context: 1327			
Sample: 226/BS			
earthworm egg caps	1		
Pre-Quaternary megaspores	1		
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Polygonum persicaria (ch)	1		
Chenopodium album	1		
Spergula arvensis (ch)	1		
cf. Pisum sp(p). (ch cot)	1		
cf. Calluna vulgaris (ch rt-tw fgts)	1		
Sambucus nigra	1		
Chrysanthemum segetum (ch)	1		
Cerealia indet.	1		
Hordeum sp(p). (inc spr)	1		
Avena sp(p).	1		
Cladium mariscus (ch)	1		
Carex sp(p). (ch)	1		
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Context: 1328			
Sample: 228/BS			
charcoal	1	max. size 10mm	
fish bone	1	max. size 2mm	
cf. Calluna vulgaris (ch rt-tw fgts)	1		
Sambucus nigra	1		
Cerealia indet.	1		
cf. Triticum sp(p).	1		
Avena sp(p).	1		
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Sample: 229/T			
charcoal	1	max. size 10mm	
charred rhizome/root fgts	1		
coal	1	max. size 10mm	
fish bone	1		
fish scale	1		
gravel	1	max. size 20mm	
iron-rich concretions	2	max. size 5mm	
Pre-Quaternary megaspores	1		
Quercus (charcoal)	1	max. size 10mm	
sand	2		
Urtica dioica	1		
Spergula arvensis (ch)	1		
Raphanus raphanistrum (ch pod segs/fgts)	1		
cf. Calluna vulgaris (ch rt-tw fgts)	1		
Sambucus nigra	1	including fgts	
Chrysanthemum segetum (ch)	1		
Gramineae (ch)	1		
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Context: 1356			
Sample: 230/T			
bark fgts (ch)	1	max. size 5mm	
charcoal	1	max. size 10mm	
coal	1	max. size 5mm	
Cristatella (statoblasts)	1		
gravel	1	max. size 15mm	
iron-rich concretions	2	max. size 10mm	
Pre-Quaternary megaspores	1		
sand	3		
Menyanthes trifoliata	1	a single fragment	
cf. Triticum sp(p).	1	a single specimen	
cf. Avena sp(p).	1		
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Context: 1364			
Sample: 232/T			
charcoal	1	max. size 10mm	
charred herbaceous detritus	1		
coal	1	max. size 10mm	
Cristatella (statoblasts)	1		
fish bone	1	max. size 2mm	
gravel	1	max. size 15mm	
iron-rich concretions	1	max. size 5mm	
Pre-Quaternary megaspores	1		
sand	3		
Salix sp(p). (b)	1		
cf. Calluna vulgaris (ch rt-tw fgts)	1		
Sambucus nigra	1		
Juncus cf. bufonius	1		
Gramineae/Cerealia (ch)	1		
Lemna sp(p). (fronds)	1		
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Context: 1378			
Sample: 254/T			
charcoal	1	max. size 10mm	
coal	2	max. size 20mm	
Cristatella (statoblasts)	1		
fish bone	1		
fish scale	1		
Pre-Quaternary megaspores	1		
sand	2		
wood fgts	1	v. dec., max. size 5mm	
Urtica dioica	3		
Urtica urens	1		
Rumex sp(p).	1	nutlets and perianth segs both present	
Chenopodium Section Pseudoblitum	2		
Chenopodium cf. polyspermum	1		
Atriplex sp(p).	2		
Silene vulgaris	1		
Silene dioica	1	including fgts	
Ranunculus cf. flammula	1		
Papaver rhoeas/dubium	1		
Fumaria sp(p).	1	fragment(s) only	
Capsella bursa-pastoris	1		
Reseda luteola	1		
Rubus cf. idaeus	1	fragment(s) only	
Potentilla cf. erecta	1		
Viola sp(p).	1		
Lythrum salicaria	1		
Aethusa cynapium	1	fragment(s) only	
Conium maculatum	1	a single fragment	
cf. Calluna vulgaris (ch rt-tw fgts)	1		
Verbena officinalis	1		
Lamium Section Lamiopsis	1		
Solanum nigrum	1		
Solanum dulcamara	1		
Sambucus cf. ebulus	1		
Sambucus nigra	2		
Arctium sp(p).	1		
Sonchus asper	1		
Carex sp(p).	1		

Sample: 255/BS		charcoal	2 max. size 15mm
Rumex sp(p). (ch)	1		
Fumaria sp(p).	1	cf. Calluna vulgaris (ch rt-tw fgts)	1
Rubus fruticosus agg.	1	Sambucus nigra	1 including fgts
cf. Calluna vulgaris (rt-tw fgts)	1	Triticum sp(p).	1
Sambucus nigra	1	Hordeum sp(p).	1

Context: 1387
Sample: 295/T

burnt soil	2		
charcoal	2 max. size 10mm		
charred herbaceous detritus	1		
fish bone	1		
Fraxinus (charcoal)	1 max. size 10mm		
Quercus (charcoal)	1 max. size 10mm		

Corylus avellana (ch)	1 max. size 10mm		
Polygonum lapathifolium (ch)	1		
Bilderdykia convolvulus (ch)	1		
Chenopodium album	1		
Stellaria media (ch)	1		
Spergula arvensis (ch)	1		
Ranunculus Section Ranunculus	1		
Brassica rapa	2		
Raphanus raphanistrum (ch pod segs/fgts)	1		
Potentilla cf. reptans (ch)	1		
cf. Vicia sp(p).	1		
cf. Calluna vulgaris (ch rt-tw fgts)	1		
Prunella vulgaris (ch)	1		
Chrysanthemum segetum (ch)	1		
Carex sp(p). (ch)	1		

Sample: 296/BS

bark fgts (ch)	1 max. size 20mm		
burnt fish bone	1		
charcoal	2 max. size 20mm		
twig fgts (ch)	1		
Corylus avellana (ch)	1 max. size 10mm		
cf. Vicia sp(p).	2		
cf. Pisum sp(p).	1		

Context: 1387
Sample: 296/BS

Bromus sp(p).	1		
Triticum sp(p). (hexaploid)	1		
cf. Secale cereale	1		
Hordeum sp(p).	1		
Avena sp(p). (inc spr)	1		

Context: 1390
Sample: 247/T

bone fgts	1 max. size 25mm		
burnt bone fgts	1 max. size 5mm		
charcoal	1 max. size 5mm		
cinders	1 max. size 15mm		
coal	2 max. size 10mm		
gravel	1 max. size 20mm		
Pre-Quaternary megaspores	1		
sand	3		

Sample: 248/BS

charcoal	2 max. size 25mm		
cf. Pisum sp(p). (ch cot)	1		
Sambucus nigra	1		
cf. Triticum sp(p).	1		

Context: 1413

Sample: 285/BS

?leather fgts (ch)	1 max. size 15mm		
charcoal	2 max. size 10mm		
Cerealia indet.	1		
Triticum sp(p).	1		
Hordeum sp(p). (inc spr)	1		

Sample: 305/T

Cenococcum (sclerotia)	1		
charcoal	1 max. size 5mm		
charred herbaceous detritus	1		
coal	1 max. size 10mm		
gravel	1 max. size 10mm		
limestone	1 max. size 40mm		
moss (contaminant)	1		
sand	3		
Calluna vulgaris (lvs)	1		
cf. Calluna vulgaris (ch rt-tw fgts)	1		
Sambucus nigra (sf)	1		

Sample: 320/BS

beetles	1		
earthworm egg caps	1		
twig fgts	1 max. length 20mm by width/diameter		
wood fgts	1 max. size 30mm		

Urtica dioica	1		
Polygonum aviculare agg.	1		
Polygonum hydropiper	1		
Polygonum persicaria	1		
Rumex sp(p). (ch)	1		
Chenopodium album	1		
Atriplex sp(p).	1		
Stellaria media	1		
Agrostemma githago (ch)	1		
Silene dioica	1		
Ranunculus Section Ranunculus	1		
Ranunculus Section Ranunculus (ch)	1		
Ranunculus flammula	1		
Reseda luteola	1		
Rubus fruticosus agg.	1		
Potentilla cf. erecta	1		

Prunus spinosa	1	a single specimen	cf. Vicia sp(p).	1
Ulex sp(p). (lfy sht fgts)	1		cf. Vicia faba	1
Linum usitatissimum (ch)	1			
Euphorbia helioscopia	1		fly puparia	1
Ilex aquifolium (lef/prickles)	1		mites	2
Erica cinerea	1		twig fgts	3 max. length 50mm by width/diameter 10mm
Menyanthes trifoliata (ch)	1			
Galium aparine (ch)	1			
Lamium Section Lamiopsis	1			
Sambucus nigra	1		cf. Myrica gale (b/bs)	1
Sambucus nigra (ch)	1		Myrica gale (bark fgts)	1 max. size 4mm
Chrysanthemum segetum	1		Myrica gale (lf fgts)	1
Chrysanthemum segetum (ch)	1		Myrica gale (tw fgts)	1 max. size 5mm
Leontodon sp(p).	1		Ulex sp(p). (lfy sht fgts)	1
Triticum cf. aestivo-compactum	1		Erica cinerea	1
Hordeum sp(p).	1		Calluna vulgaris (sht fgts)	2 v. dec., max. size 5mm
Avena sp(p).	1			
Cladium mariscus (with perig)	1		Calluna vulgaris (tw fgts)	1
Carex sp(p). (ch)	1		cf. Calluna vulgaris (rt-tw fgts)	1
			Gramineae/Cerealia (c/n)	1
Scorpidium scorpioides	1		Gramineae/Cerealia (culm fgts)	1
			cf. Secale cereale (rachis fgts)	1
			cf. Secale cereale (w/l)	1
			Cladium mariscus (lf fgts)	4
			Cladium mariscus (with perig)	1
			Carex sp(p).	1
			cf. Campylium stellatum	1
			Scorpidium scorpioides	2
			cf. Pleurozium schreberi	1
			Hylocomium splendens	1
Context: 1415			Context: 1418	
Sample: 289/BS			Sample: 417/T	
twig fgts	2	max. length 30mm by width/diameter 5mm	bone fgts	1 max. size 30mm
			burnt bone fgts	1 max. size 15mm
			burnt soil	2
Raphanus raphanistrum (pod segs/fgts)	1		charred herbaceous detritus	1
cf. Calluna vulgaris (rt-tw fgts)	1		gravel	1 max. size 15mm
Ulex sp(p). (lfy sht fgts)	2		iron-rich slag	1 max. size 40mm
			pottery	1 max. size 15mm
			sand	2
			Chenopodium album	1 ?charred
Sample: 291/T			Raphanus raphanistrum (ch pod segs/fgts)	1
beetles			Sambucus nigra	1
coal	1	max. size 5mm	Chrysanthemum segetum (ch)	1
fly puparia	1		Hordeum sp(p). (rachis fgts)	1
Urtica dioica	1		Context: 1432	
Rumex acetosella agg.	1		Sample: 317/T	
Ulex sp(p). (imm pods/fgts)	1		?burnt soil	1
Ulex sp(p). (lf/lvs)	3		bark fgts	1 max. size 15mm
Ulex sp(p). (lfy sht fgts)	3		beetles	3
Ulex sp(p). (lfy tw fgts)	3		brick/tile	1 max. size 5mm
Ulex sp(p). (fls)	1		caddis larva cases	1
Erica cinerea	2		cenococcum (sclerotia)	1
Calluna vulgaris (caps)	1		charcoal	2 max. size 20mm
Calluna vulgaris (rt-tw fgts)	4		cinders	1 max. size 15mm
Calluna vulgaris (sht fgts)	1		coal	1 max. size 15mm
Fraxinus excelsior (tw fgts)	1	max. length 50mm by width/diameter 15mm	dicot lf fgts	1
			earthworm egg caps	1
Sambucus nigra	1		fly puparia	1
Compositae (inv fgts)	1		gravel	1 max. size 20mm
Centaurea sp(p).	1		Heterodera (cysts)	1
cf. Arnoseris minima	1	fragment(s) only	leaf ab pads	1
Carex sp(p).	1	nutlets with utricles and/or free utricles		
cf. Cratoneuron commutatum	1			
Scorpidium scorpioides	2			
Rhytidiadelphus sp(p).	1			
Pleurozium schreberi	1			
Hylocomium splendens	1			
Sample: 311/SPT				

mites	2	root bark/epidermis fgts	1
monocot epid fgts	2	sand	2
twig fgts	2 max. length 30mm by width/diameter 5mm	Gramineae	1
		Typha sp(p).	1
		Cyperaceae (pap epid)	1
wood fgts	1 v. dec., max. size 15mm	Eleocharis palustris sl	1
		Cladium mariscus	1
		Carex sp(p).	2
Salix sp(p). (b)	1		
Salix sp(p). (tef)	1	Leucobryum glaucum	1
Salix sp(p). (tw fgts)	1	Campylium stellatum	1
Betula sp(p).	1	Scorpidium scorpioides	1
Betula sp(p). (fcs)	1 very decayed	Pseudoscleropodium purum	1
Corylus avellana	1 v. dec., max. size 10mm	Hylocomium splendens	1
Quercus sp(p). (b/bs)	1		
Cannabis sativa	1	Sample: 318/BS	
Urtica dioica	3		
Polygonum aviculare agg.	1	?wood chips	1
Polygonum hydropiper	2	earthworm egg caps	1
Polygonum persicaria	2	twig fgts	1 max. length 20mm by width/diameter 5mm
Rumex sp(p).	2		
Rumex sp(p). (ch)	1		
Rumex acetosella agg.	1	wood chips	1 max. size 15mm
Chenopodium album	2	wood fgts	2 max. size 60mm
Atriplex sp(p).	2		
Stellaria media	1	Corylus avellana	1 max. size 20mm
Agrostemma githago (sf)	1	Prunus domestica ssp. insititia	1
Silene vulgaris	1 a single specimen	Bryonia cretica ssp. dioica	1
Silene dioica	1	Galeopsis Subgenus Galeopsis	1
Ranunculus Section Ranunculus	1	cf. Hordeum sp(p).	1
Ranunculus flammula	2	Cladium mariscus (with perig)	1
Papaver somniferum	1 a single specimen		
Papaver rhoeas/dubium	1	Campylium stellatum	1
Papaver argemone	1	Scorpidium scorpioides	1
Fumaria sp(p).	1 fragment(s) only		
Brassica rapa (sf)	1		
Brassica sp./Sinapis arvensis	1	Context: 1440	
cf. Raphanus raphanistrum (pedicels)	1	Sample: 313/T	
Raphanus raphanistrum (pod segs/fgts)	1		
Reseda luteola	1 a single specimen	charcoal	1 max. size 5mm
Rubus idaeus	1	coal	1 max. size 5mm
Potentilla cf. reptans	1	Cristatella (statoblasts)	1
Crataegus sp./Prunus spinosa (thorns)	1 very decayed	iron-rich concretions	2 max. size 10mm
Prunus spinosa	1 some mineral replacement	pottery	1 max. size 20mm
		Pre-Quaternary megaspores	1
Leguminosae (cal)	1	sand	1
Ulex sp(p). (lf/lvs)	1		
Vitis vinifera	1	Urtica dioica	1
Viola sp(p).	1	Sambucus nigra	1 including many fgts
Conium maculatum	1	Gramineae	1
cf. Daucus carota	1 a single specimen	Cerealia indet.	1 a single specimen
Erica tetralix (lvs)	1		
Erica cinerea	3	Characeae	1
cf. Calluna vulgaris (rt-tw fgts)	2		
Marrubium vulgare	1		
Lamium Section Lamiopsis	1	Context: 1450	
Prunella vulgaris	1	Sample: 734/BS	
Solanum nigrum	1		
Solanum dulcamara	1	charcoal	2
Plantago major	1		
Sambucus nigra	2		
Valerianella dentata	1	Context: 1455	
Chrysanthemum segetum	1	Sample: 321/BS	
Chrysanthemum segetum (ch)	1		
Arctium sp(p).	1	monocot lf/stem fgts	2
Carduus/Cirsium sp(p).	1	twig fgts	2 max. length 40mm by width/diameter 5mm
Leontodon sp(p).	1		
Lapsana communis	1		

cf. *Pteridium aquilinum* (stalk fgts) 1
Scorpidium scorpioides 1

Sample: 322/BS

charred plant debris 1
monocot lf/stem fgts 2
twig fgts 2 max. length 70mm
by width/diameter
5mm
Polygonum hydropiper (inc per) 1
Prunus domestica ssp. *insititia* 1
Scorpidium scorpioides 1

Context: 1456

Sample: 446/T

?slag 1 max. size 20mm
beetles 2
bone fgts 1 v. dec., max. size
30mm
charcoal 1 max. size 2mm
cinders 1 max. size 30mm
coal 1 max. size 10mm
Cristatella (statoblasts) 1
Daphnia (ephippia) 1
dicot lf fgts 1
earthworm egg caps 1
fly puparia 1
gravel 1 max. size 15mm
herbaceous detritus 2
iron-rich concretions 1 max. size 20mm
leaf ab pads 1
mites 1
moss (contaminant) 1
sand 2
twig fgts 2 max. length 30mm
by width/diameter
10mm
wood fgts 1 max. size 10mm

Salix sp(p). (b) 3
Salix sp(p). (tef) 3
Salix sp(p). (tw fgts) 3 max. length 30mm
by width/diameter
10mm

Betula sp(p). 1
Corylus avellana (b/bs) 1
Quercus sp(p). (b/bs) 1
Urtica dioica 2
Polygonum aviculare agg. 1
Polygonum hydropiper 2
Polygonum persicaria 1
Rumex sp(p). 1
Atriplex sp(p). 1
Silene vulgaris 1
Silene dioica 2
Ranunculus Section *Ranunculus* 1
Ranunculus flammula 1
Reseda luteola 1
Rubus idaeus 1
Rubus fruticosus agg. 1
Rosa sp(p). 1
Potentilla cf. *erecta* 1
Sorbus aucuparia 1

Crataegus sp(p). (thorns) 1
cf. *Ilex aquifolium* (lef) 1
Vitis vinifera 1 a single specimen
Bryonia cretica ssp. *dioica* 1
Anthriscus sylvestris 1
Scandix pecten-veneris 1
Pastinaca sativa 1 fragment(s) only
Heracleum sphondylium 1 fragment(s) only
cf. *Fraxinus excelsior* (fr fgts) 1
Lamium Section *Lamiopsis* 1
Prunella vulgaris 1
Solanum dulcamara 1
Sambucus cf. *ebulus* 1
Sambucus nigra 3
Centaurea sp(p). 1
cf. *Arnoseris minima* 1
Lapsana communis 1
Alisma sp(p). 1 'embryos' only
Gramineae 1
Carex sp(p). 1
Campylium stellatum 1
Scorpidium scorpioides 1

Sample: 447/BS

beetles 2
Cenococcum (sclerotia) 1
charcoal 2
charred buds 1
Daphnia (ephippia) 2
earthworm egg caps 2
fly puparia 1
leaf ab pads 1
rat-tailed maggot (resp proc) 1
twig fgts 1 max. length 120mm
by width/diameter
10mm
wood fgts 1 max dimension
120mm

cf. *Salix* sp(p). (tef) 1
Myrica gale 1
Juglans regia 1 max. size 25mm
Corylus avellana 1 max. size 10mm
Corylus avellana (ch) 1 max. size 10mm
Humulus lupulus 1
Cannabis sativa 1
Urtica dioica 2
Polygonum aviculare agg. 1
Polygonum hydropiper 1
Polygonum persicaria 1
Polygonum lapathifolium 1
Rumex sp(p). 1
Atriplex sp(p). 1
Silene cf. *vulgaris* 1
Silene dioica 1
Ranunculus Section *Ranunculus* 1
Ranunculus flammula 1
Raphanus raphanistrum (pod segs/fgts) 1
Rubus fruticosus agg. 1
Rubus cf. *caesius* 1
Rubus/Rosa sp(p). (prickles) 1

Potentilla anserina	1	Leguminosae (tw fgts)	1 max. size 5mm
Malus sylvestris	1	Bryonia cretica ssp. dioica	1
Crataegus sp./Prunus spinosa (thorns)	1	Anthriscus sylvestris	1
Prunus domestica ssp. insititia (inc meso)	1	Aethusa cynapium	1
Prunus domestica ssp. insititia	1	Heracleum sphondylium	2
Prunus Section Cerasus	1 fragment(s) only		
Lamium Section Lamiopsis	1	Atriplex sp(p). (ch)	1
Prunella vulgaris	1	Spergula arvensis (ch)	1
Solanum nigrum	1	Ranunculus sp(p). (ch)	1
Solanum dulcamara	1	Brassica rapa (ch)	1
Sambucus nigra	1	cf. Raphanus raphanistrum (ch)	1
Anthemis cotula (ch)	1 a single specimen	cf. Calluna vulgaris (ch rt-tw fgts)	1
Chrysanthemum segetum	1	Galeopsis Subgenus Galeopsis (ch)	1
Arctium sp(p).	1	Sambucus nigra (ch)	1
Carduus/Cirsium sp(p).	1	Chrysanthemum segetum (ch)	2
Centaurea sp(p).	1	Lapsana communis (ch)	1
Hypochoeris sp(p).	1	Cerealia indet.	1
Leontodon sp(p).	1	Cerealia indet. (awns)	1
Sonchus cf. oleraceus	1	Triticum sp(p).	1
Sonchus cf. arvensis	1	cf. Secale cereale (inc spr)	1
Carex sp(p).	1	Hordeum sp(p).	1
		Avena sp(p). (inc spr)	1

Context: 1475
Sample: 331/BS

bark fgts (ch) 1 max. size 20mm
charcoal 2 max. size 40mm

Polygonum aviculare agg. (ch)	1
Polygonum persicaria/lapathifolium	1
Bilderdykia convolvulus (ch)	1
Rumex sp(p). (ch)	1
Rumex acetosella agg. (ch)	2
Chenopodium album (ch)	1
Atriplex sp(p). (ch)	1
Spergula arvensis (ch)	1
Silene alba (ch)	1
Brassica rapa (ch)	1
Raphanus raphanistrum (ch pod segs/fgts)	1
Prunus spinosa (ch)	1
cf. Vicia sp(p).	1
Galium aparine (ch)	1
Galeopsis Subgenus Galeopsis (ch)	1
Sambucus nigra	1
Chrysanthemum segetum (ch)	2
Centaurea sp(p). (ch)	1
Leontodon sp(p). (ch)	1
Lapsana communis (ch)	1
Cerealia indet.	1
Triticum sp(p). (inc spr)	1
cf. Secale cereale	1
Hordeum sp(p).	1
Avena sp(p). (inc spr)	2
Avena sativa (spkls/fgts)	1
Carex sp(p). (ch)	1

Sample: 332/T

burnt bone fgts 1 max. size 5mm
charcoal 1 max. size 10mm
gravel 1 max. size 10mm
sand 2

Polygonum aviculare agg. (ch)	1
Polygonum persicaria/lapathifolium	1
Rumex acetosella agg. (ch)	2
Chenopodium album (ch)	1

Context: 1489
Sample: 416/BS

Quercus (charcoal) 2 max. size 20mm

cf. Pisum sativum	1 a single specimen
cf. Calluna vulgaris (ch rt-tw fgts)	1
Cerealia indet.	1
Hordeum sp(p).	1
Avena sp(p).	1 a single specimen

Context: 1495
Sample: 567/T

'ash beads' 1
burnt fish bone 1 max. size 3mm
charcoal 1 max. size 15mm
charred buds 1
charred herbaceous detritus 1
charred rhizome/root fgts 1
fish bone 1 max. size 10mm
gravel 1 max. size 15mm
iron-rich concretions 2 max. size 5mm
sand 2

Polygonum aviculare agg. (ch)	1
Polygonum persicaria/lapathifolium	1
Bilderdykia convolvulus (ch)	1
Rumex sp(p). (ch)	1
Rumex acetosella agg. (ch)	3
Chenopodium album (ch)	2
Atriplex sp(p). (ch)	1
Spergula arvensis (ch)	1
Agrostemma githago (min sf)	1
Silene vulgaris (ch)	1
Silene cf. dioica (ch)	1
Brassica rapa (ch)	1
Brassica sp./Sinapis arvensis	1
Raphanus raphanistrum (ch pod segs/fgts)	1
Potentilla cf. reptans (ch)	1
cf. Vicia sp(p).	1
cf. Vicia sp(p). (cot)	1
cf. Pisum sp(p). (ch cot)	1

cf. Calluna vulgaris (ch rt-tw fgts) 1
Galium aparine (ch) 1
Galeopsis sp(p). (ch) 1
Prunella vulgaris (ch) 1
Plantago lanceolata (ch) 1
Sambucus nigra 1
Cerealia indet. 2
Cerealia indet. (awns) 2
Cerealia indet. (chaff) 1
Cerealia indet. (rachis fgts) 1
Bromus sp(p). 1
Triticum sp(p). 1
Triticum cf. aestivo-compactum 1
cf. Secale cereale 1
Hordeum sp(p). (inc spr) 1
Avena sp(p). (inc spr) 1
Carex sp(p). (ch) 1

Sample: 568/BS

charcoal 2 max. size 15mm
twig fgts (ch) 1 max. size 10mm

Corylus avellana (ch) 1 max. size 10mm
Raphanus raphanistrum (ch pod segs/fgts) 1
cf. Vicia sp(p). 1
cf. Pisum sativum 1
cf. Calluna vulgaris (ch rt-tw fgts) 1
cf. Secale cereale 1
Hordeum sp(p). (inc hulled) 1
Hordeum sp(p). (inc spr) 1
Avena sp(p). 1

Context: 1505

Sample: 350/T

bone fgts 1 max. size 50mm
Cenococcum (sclerotia) 1
charcoal 1 max. size 5mm
charred herbaceous detritus 1
coal 1 max. size 1mm
Cristatella (statoblasts) 1
fish bone 1 max. size 20mm
fish scale 1 max. size 1mm
gravel 1 max. size 10mm
Pre-Quaternary megaspores 1
sand 2
cf. Calluna vulgaris (ch rt-tw fgts) 1
Carex sp(p). (ch) 1

Sample: 360/BS

charcoal 1 max. size 25mm

Context: 1545

Sample: 356/T

Cenococcum (sclerotia) 1
charcoal 1 max. size 15mm
charred moss 1
charred rhizome/root fgts 1
coal 1 max. size 1mm
fish scale 1 max. size 1mm
sand 3

Anthemis cotula (ch) 1
Chrysanthemum segetum (ch) 3
Centaurea sp(p). (ch) 2
Lapsana communis (ch) 1
Gramineae (ch) 1
Gramineae/Cerealia (ch c/n) 1

cf. Calluna vulgaris (ch rt-tw fgts) 1
Chrysanthemum segetum (ch) 1
Cerealia indet. (awns) 1
cf. Cerealia indet. 1

Sample: 357/BS

charcoal 2 max. size 10mm

cf. Pisum sativum 1
cf. Calluna vulgaris (ch rt-tw fgts) 1
cf. Triticum sp(p). 1
cf. Secale cereale 1
cf. Hordeum sp(p). 1
Avena sp(p). 1

Context: 1571

Sample: 365/T

bark fgts (ch) 1 max. size 10mm
charcoal 1 max. size 10mm
'ash beads'
charred herbaceous detritus 2
charred moss 1
gravel 1 max. size 15mm
iron-rich slag 2 max. size 40mm
sand 2
twig fgts (ch) 1 max. size 15mm

Polygonum persicaria (ch) 1
Rumex sp(p). (ch) 1 fragment(s) only
Chenopodiaceae 1
Chenopodium album (ch) 1
Montia fontana ssp. chondrosperma 1
Potentilla cf. reptans (ch) 1
cf. Calluna vulgaris (ch rt-tw fgts) 1
Chrysanthemum segetum (ch) 1
Gramineae (ch) 1
Cerealia indet. 1
Cerealia indet. (chaff) 1
Cerealia indet. (rachis fgts) 1
cf. Secale cereale 1
Carex sp(p). (ch) 1
Polytrichum sp(p). (ch sht fgts) 1
Chara sp(p). 1

Sample: 367/BS

charcoal 2 max. size 15mm

Corylus avellana (ch) 1 max. size 10mm
cf. Vicia sp(p). 1
cf. Pisum sativum 1
Galium aparine (ch) 1
Bromus sp(p). 1
Triticum sp(p). 1
Hordeum sp(p). (inc hulled) 1
Hordeum vulgare (inc twstd) 1
Avena sp(p). 1

Context: 1599
Sample: 410/BS

bark fgts (ch)	1 max. size 15mm
Hordeum sp(p).	1
Avena sp(p).	1

Context: 1605
Sample: 399/BS

charcoal	2 max. size 20mm
Vicia sp(p).	1
cf. Pisum sativum	1
Cerealia indet.	1
cf. Secale cereale	1
Hordeum sp(p).	1
Avena cf. sativa (spk/fts/fgts)	1

Context: 1613
Sample: 444/T

baked clay/daub	1 max. size 15mm
charcoal	1 max. size 5mm
coal	1 max. size 5mm
Cristatella (statoblasts)	1
gravel	1 max. size 15mm
iron-rich concretions	1
Pre-Quaternary megaspores	1
sand	1
Papaver argemone	1 very decayed
Sambucus nigra (sf)	1

Context: 1614
Sample: 394/T

bone fgts	1 max. size 15mm
burnt bone fgts	1 max. size 10mm
charcoal	1 max. size 10mm
coal	1 max. size 2mm
Cristatella (statoblasts)	1
Daphnia (ephippia)	1
gravel	1 max. size 15mm
moss (contaminant)	1
pottery	1 max. size 25mm
Pre-Quaternary megaspores	1
root bark/epidermis fgts (?mod)	1
sand	2
wood fgts (contaminant)	1

Urtica dioica	1
cf. Vicia sp(p). (cot)	1
Vicia sp(p).	1
Calluna vulgaris (lvs)	1
cf. Calluna vulgaris (ch rt-tw fgts)	1
Sambucus nigra	1
Centaurea sp(p). (ch)	1
Carex sp(p). (ch)	1

Sample: 395/BS

charcoal	2 max. size 10mm
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charcoal	2 max. size 20mm
root/rhizome fgts (ch)	1

cf. Pisum sativum	1
cf. Calluna vulgaris (ch rt-tw fgts)	1
Cerealia indet.	1

Corylus avellana (ch)	1 max. size 10mm
cf. Calluna vulgaris (ch rt-tw fgts)	1
Sambucus nigra	1
Triticum sp(p).	1
Hordeum sp(p). (inc hulled)	1

Context: 1615
Sample: 392/T

?burnt peat fgts	1 max. size 10mm
burnt bone fgts	1 max. size 10mm
charcoal	2 max. size 15mm
charred rhizome/root fgts	1
coal	1 max. size 10mm
sand	2

Rumex sp(p). (ch)	1
cf. Calluna vulgaris (ch rt-tw fgts)	2
Eriophorum vaginatum (ch scl sp)	1
Polytrichum sp(p). (ch sht fgts)	1

Sample: 393/BS

charcoal	2 max. size 20mm
Corylus avellana (ch)	1 max. size 5mm
cf. Vicia sp(p).	1
cf. Vicia faba (ch cot)	1 a single specimen
cf. Pisum sativum	1
cf. Calluna vulgaris (ch rt-tw fgts)	1
Triticum sp(p).	1
cf. Secale cereale	1
Hordeum sp(p). (inc hulled)	1

Context: 1650
Sample: 428/T

charcoal	1 max. size 10mm
coal	1 max. size 15mm
iron-rich concretions	2 max. size 10mm
Pre-Quaternary megaspores	2
sand	2

Atriplex sp(p). (ch)	1
Sambucus nigra (sf)	1
Chrysanthemum segetum (ch)	1

Context: 1700
Sample: 404/T

baked clay/daub	1 max. size 10mm
burnt soil	2
charcoal	2 max. size 25mm
charred herbaceous detritus	1
fish scale	1 max. size 2mm
flint	1 max. size 10mm
gravel	1 max. size 25mm
sand	3

Rumex acetosella agg. (ch)	1	Galium sp(p). (ch)	1
Chenopodium album	1	Sambucus nigra	1
Spergularia arvensis (ch)	1	Anthemis cotula (ch)	1
Ranunculus Section Ranunculus	1	Chrysanthemum segetum (ch)	1
Ranunculus sardous (ch)	1	Centaurea sp(p). (ch)	1
Leguminosae (imm s)	1		
Sample: 405/BS		Polytrichum sp(p). (ch sht fgts)	1

charcoal 2 max. size 25mm

Corylus avellana (ch)	1 max. size 10mm
Linum usitatissimum (ch)	1
Galium aparine (ch)	1
Triticum sp(p). (hexaploid)	1
Secale cereale	1
Hordeum sp(p). (inc hulled)	1
Avena sp(p).	1
Avena fatua (spklt/sfgts)	1

Context: 1744
Sample: 407/BS

charcoal 2 max. size 15mm

cf. Pisum sativum	1
cf. Calluna vulgaris (ch rt-tw fgts)	1
Triticum sp(p).	1
cf. Secale cereale	1
Hordeum sp(p).	1

Sample: 408/T

'char'	1 max. size 10mm
baked clay/daub	1 max. size 20mm
burnt bone fgts	1
burnt soil	2
charcoal	1 max. size 10mm
charred herbaceous detritus	1
charred moss	1
fish bone	1
fish scale	1
gravel	1 max. size 10mm
Pre-Quaternary megaspores	1
sand	3

Corylus avellana (ch)	1 max. size 5mm
cf. Vicia sp(p).	1
cf. Calluna vulgaris (ch rt-tw fgts)	1
Atropa bella-donna	1
Chrysanthemum segetum (ch)	1
Cerealia indet.	1
cf. Triticum aestivo-compactum	1
Hordeum sp(p).	1 very worn

Context: 1757
Sample: 403/BS

charcoal 1 max. size 25mm
charred rhizome/root fgts 1
Pre-Quaternary megaspores 1

Calluna vulgaris (ch sht fgts)	1
cf. Calluna vulgaris (ch rt-tw fgts)	1
Hordeum sp(p).	1
Triticum cf. aestivo-compactum	1

Context: 1758
Sample: 401/T

baked clay/daub 1 max. size 30mm
burnt soil 2 max. size 15mm
charcoal 2 max. size 15mm
charred herbaceous detritus 1
Pinus (charcoal) 1 max. size 3mm
sand 1

Calluna vulgaris (b) 1
Calluna vulgaris (lvs) 1
cf. Scrophularia sp(p). (ch) 1 a single specimen
Juncus sp(p). 1 very decayed
Avena sativa (spkls/fgts) 1

Context: 1773
Sample: 420/T

Cenococcum (sclerotia) 1
charcoal 1 max. size 5mm
coal 1 max. size 2mm
Cristatella (statoblasts) 1
fish bone 1 max. size 5mm
fish scale 1 max. size 2mm
flint 1 max. size 10mm
gravel 1 max. size 30mm
iron-rich slag 2 max. size 25mm
Pre-Quaternary megaspores 1
sand 2

Papaver argemone 2 very decayed
Calluna vulgaris (lvs) 1
Sambucus nigra (sf) 1
Corylus avellana (ch) 1 max. size 10mm
cf. Calluna vulgaris (ch rt-tw fgts) 1
cf. Hordeum sp(p). 1 a single specimen

Context: 1787
Sample: 422/BS

charcoal 2 max. size 25mm

Gramineae/Cerealia (ch c/n) 1
Triticum sp(p). 1
Secale cereale 1
Hordeum sp(p). 1

Context: 1798
Sample: 440/T

amphibian bone 2
anthers (indet.) 1 a single specimen
charcoal 1 max. size 5mm
coal 1 max. size 15mm
fish bone 1
fish scale 1
gravel 1 max. size 25mm
moss (contaminant) 1
Pre-Quaternary megaspores 1
sand 2
wood fgts 1 v. dec., max. size 5mm
wood fgts (min) 1 max. size 5mm
Urtica dioica 1

Chrysanthemum segetum (ch) 1
Juncus sp(p). 1 very decayed
Cerealia indet. 1 a single specimen
Typha sp(p). 1
Carex sp(p). (ch) 1

Context: 1774
Sample: 423/T

?burnt peat fgts 1 max. size 5mm
baked clay/daub 1 max. size 15mm
charcoal 1 max. size 5mm
charred herbaceous detritus 1
coal 1 max. size 2mm
fish bone 1 max. size 5mm
fish scale 1 max. size 2mm
gravel 1 max. size 10mm
iron-rich concretions 2 max. size 5mm
Pre-Quaternary megaspores 1
sand 2

Raphanus raphanistrum (ch pod segs/fgts) 1
cf. Calluna vulgaris (ch rt-tw fgts) 1
Sambucus nigra (sf) 1

Sample: 424/BS

bone fgts 1 max. size 30mm
charcoal 1 max. size 15mm
twig fgts 1 max. size 25mm
wood fgts 1 max. size 20mm
woody root fgts 1 max. size 25mm

Bilderdykia convolvulus 1 a single fragment
Rumex acetosella agg. (ch) 1
Atriplex sp(p). (ch) 1
cf. Calluna vulgaris (ch rt-tw fgts) 1
cf. Marrubium vulgare 1
Sambucus nigra 2 including fgts
Chrysanthemum segetum (ch) 1
Gramineae/Cerealia (ch c/n) 1

Context: 1801
Sample: 411/T

charcoal 2 max. size 15mm
charred herbaceous detritus 1
coal 1 max. size 5mm
gravel 2 max. size 30mm
sand 2
twig fgts (ch) 1 max. size 10mm

Rumex acetosella agg. (ch) 1
Chenopodium album 1
cf. Calluna vulgaris (ch rt-tw fgts) 1
Chrysanthemum segetum (ch) 1
Cerealia indet. 1
Carex sp(p). (ch) 1

Sample: 412/BS

charcoal 2 max. size 10mm
cf. Vicia sp(p). 1
cf. Triticum sp(p). 1

Hordeum sp(p). 1

Context: 1904
Sample: 443/T

?burnt peat fgts 1 max. size 5mm
charcoal 1 max. size 10mm
charred herbaceous detritus 1
gravel 1 max. size 10mm
pottery 1 max. size 40mm
sand 2

Polygonum aviculare agg. (ch) 1
Chenopodium album (ch) 1
Atriplex sp(p). (ch) 1
Brassica sp(p). (cot) 1
Calluna vulgaris (ch sht fgts) 1
cf. Calluna vulgaris (ch rt-tw fgts) 1
Sambucus nigra (sf) 1
cf. Juncus squarrosus (ch) 1
Cerealia indet. 1
Secale cereale 1

Context: 1916
Sample: 473/BS

charcoal 2 max. size 10mm
cf. Calluna vulgaris (ch rt-tw fgts) 1
Cerealia indet. 1
cf. Triticum sp(p). 1
cf. Hordeum sp(p). 1

Centaurea sp(p). (ch) 1
Cerealia indet. 1
cf. Bromus sp(p). 1
cf. Hordeum sp(p). 1
Hordeum sp(p). 1
Eleocharis palustris sl (ch) 1

Sample: 461/BS

charcoal 2 max. size 55mm
twig fgts (ch) 1
Prunus spinosa (ch inc meso) 1
cf. Vicia sp(p). 1
cf. Triticum sp(p). 1
Secale cereale 1
Hordeum sp(p). (inc hulled) 1
Avena sp(p). 1

Context: 1930
Sample: 494/T

'ash beads' 1
?burnt soil 1
anthers (indet.) 1 a single specimen
baked clay/daub 3 max. size 30mm
charcoal 1 max. size 10mm
charred herbaceous detritus 1
glassy slag 1
silicified herbaceous detritus 2
Atriplex sp(p). (ch) 1

Context: 1918
Sample: 467/BS

charcoal 1 max. size 10mm

Context: 1919
Sample: 460/T

Cenococcum (sclerotia) 1
charcoal 1 max. size 10mm
coal max. size 5mm
fish bone 1 max. size 2mm
fish scale 1 max. size 1mm
gravel 2 max. size 40mm
iron-rich concretions 2 max. size 5mm
Pre-Quaternary megaspores 1
Quercus (charcoal) 1
sand 3

Polygonum hydropiper (ch) 1 fragment(s) only
Polygonum persicaria/lapathifolium 1
Rumex sp(p). (ch) 1

Rumex acetosella agg. (ch) 1
Chenopodium album (ch) 2
Atriplex sp(p). (ch) 1
Stellaria media (ch) 1
Agrostemma githago (ch) 1
Ranunculus sardous (ch) 1
Brassica sp./Sinapis arvensis 1
cf. Leguminosae 1
cf. Vicia sp(p). 1
cf. Calluna vulgaris (ch rt-tw fgts) 1
Sambucus nigra (sf) 1
Chrysanthemum segetum (ch) 1
Linum usitatissimum (ch caps fgts) 1
Linum usitatissimum (ch) 1
cf. Calluna vulgaris (ch rt-tw fgts) 1
Chrysanthemum segetum (ch) 1
Hordeum sp(p). 1

Sample: 495/BS

charcoal 2 max. size 15mm
Corylus avellana (ch) 1 max. size 10mm
Raphanus raphanistrum (ch pod segs/fgts) 1
Crataegus monogyna (ch) 1
cf. Vicia sp(p). (cot) 1
Linum usitatissimum (ch caps fgts) 1
Linum usitatissimum (ch) 1
Gramineae/Cerealia (ch culm fgts) 1
cf. Secale cereale 1
Hordeum vulgare (inc twstd) 1
Triticum cf. aestivo-compactum 1
Avena sp(p). 1
Cladium mariscus (ch lf fgts) 1

Context: 1961
Sample: 486/T

baked clay/daub 1 max. size 10mm
charcoal 2 max. size 20mm
charred herbaceous detritus 1
fish bone 1 max. size 10mm
fish scale 1 max. size 5mm
magnesian limestone 2 max. size 50mm

Pre-Quaternary megaspores	1
Quercus (charcoal)	1 max. size 20mm
sand	3
Polygonum aviculare agg. (ch)	1
Rumex sp(p). (ch)	1
Calluna vulgaris (ch sht fgts)	1
cf. Calluna vulgaris (ch rt-tw fgts)	1 max. size 10mm
Galium sp(p). (ch)	1
Sambucus nigra (sf)	1
Lapsana communis (ch)	1
cf. Juncus squarrosus (ch)	1

Context: 2019
Sample: 520/BS

charcoal	2 max. size 40mm
cf. Pisum sativum	1 a single specimen
Hordeum sp(p).	1 a single specimen

Context: 2021
Sample: 531/BS

charcoal	2 max. size 25mm
Prunus Section Cerasus (ch)	1 a single specimen
Vicia sp(p).	1
Galium aparine (ch)	1
Gramineae/Cerealia (ch c/n)	1
Gramineae/Cerealia (ch culm fgts)	1
Triticum sp(p).	1
Secale cereale	1
Hordeum sp(p). (inc hulled)	1
Avena sativa (spklt/fgts)	1
Cladium mariscus (ch lf fgts)	1

Context: 2052
Sample: 522/BS

charcoal	2 max. size 20mm
coal	1 max. size 10mm
fish bone	1
Cannabis sativa (ch)	1
Bilderdykia convolvulus (ch)	1
cf. Vicia faba	1
cf. Pisum sativum	1
cf. Calluna vulgaris (ch rt-tw fgts)	1
Cerealia indet.	1
Triticum sp(p).	1
cf. Secale cereale	1
Hordeum sp(p).	1
Avena sp(p).	1

Context: 2069
Sample: 528/BS

charcoal	2 max. size 25mm
Corylus avellana (ch)	1 max. size 5mm
Cerealia indet.	1
Hordeum sp(p). (inc hulled)	1

Context: 2081
Sample: 537/BS

charcoal	2	max. size 10mm
charred rhizome/root fgts	1	
Corylus avellana (ch)	1	max. size 10mm
Chenopodium album (ch)	1	
Brassica sp./Sinapis arvensis	1	
cf. Vicia sp(p). (cot)	1	
Centaurea sp(p). (ch)	1	
Triticum sp(p).	1	
cf. Secale cereale	1	
Hordeum sp(p).	1	
Avena sp(p).	1	

Context: 2083
Sample: 557/T

?burnt soil	1	
burnt bone fgts	1	max. size 15mm
charcoal	1	max. size 10mm
gravel	1	max. size 10mm
moss (contaminant)	1	
sand	2	

Ficus carica (ch)	1	a single specimen
Rumex acetosella agg.	1	
Atriplex sp(p).	1	
Chrysanthemum segetum (ch)	1	
Cerealium indet.	1	
cf. Triticum sp(p).	1	
Triticum sp(p). (glb)	1	one very worn specimen
Hordeum sp(p).	1	

Sample: 558/BS

charcoal	2	
Quercus (charcoal)	1	max. size 40mm
Corylus avellana (ch)	1	max. size 10mm
Raphanus raphanistrum (ch pod segs/fgts)	1	
cf. Vicia sp(p).	1	
Linum usitatissimum (ch)	1	
cf. Calluna vulgaris (ch rt-tw fgts)	1	
Cerealium indet.	1	
cf. Secale cereale	1	
Avena sp(p).	1	

Context: 2092
Sample: 533/BS

charcoal	2	max. size 25mm
cf. Triticum sp(p).	1	a single specimen
Avena sp(p).	1	

Sample: 574/BS

charcoal	2	max. size 20mm
twig fgts (ch)	1	
Malus sylvestris (ch)	1	a single specimen
Cerealium indet.	1	
Secale cereale	1	a single specimen

Hordeum sp(p). 1

Sample: 575/T

burnt soil	2	
charcoal	2	max. size 25mm
charred leather fgts	1	max. size 20mm
glassy slag	1	
gravel	1	max. size 15mm
sand	2	

Rumex acetosella agg. (ch)	1	
Erica tetralix (ch lvs)	1	
Calluna vulgaris (lvs)	1	
Sambucus cf. ebulus (ch)	1	
Chrysanthemum segetum (ch)	1	
Alisma sp(p).	1	'embryos' only
Gramineae (ch)	1	
Cerealium indet.	1	
cf. Secale cereale	1	
Hordeum sp(p).	1	
Avena sp(p).	1	

Context: 2094
Sample: 564/BS

charcoal	2	max. size 20mm
Corylus avellana (ch)	1	max. size 10mm
cf. Calluna vulgaris (ch rt-tw fgts)	1	
Galium aparine (ch)	1	
Secale cereale	1	
Hordeum sp(p).	1	
Avena sp(p).	1	

Context: 2095
Sample: 535/BS

bark fgts (ch)	1	max. size 10mm
charcoal	2	max. size 25mm
Quercus (charcoal)	1	max. size 15mm
Corylus avellana (ch)	1	max. size 10mm
cf. Vicia sp(p).	1	
cf. Calluna vulgaris (ch rt-tw fgts)	1	
Centaurea sp(p). (ch)	1	
Secale cereale	1	
Hordeum sp(p).	1	

Context: 2112
Sample: 586/BS

charcoal	2	max. size 15mm
cf. Vicia sp(p).	1	
cf. Pisum sativum	1	
cf. Calluna vulgaris (ch rt-tw fgts)	1	
Triticum sp(p).	1	
Hordeum sp(p).	1	

Sample: 587/T

burnt bone fgts	1	max. size 10mm
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charcoal	1	max. size 10mm
fish bone	1	max. size 20mm
gravel	1	max. size 15mm
mammal bone	1	max. size 35mm
sand	2	
cf. Calluna vulgaris (ch rt-tw fgts)	1	
Sambucus nigra	1	
Triticum cf. aestivo-compactum	1	a single specimen

Context: 2116
Sample: 542/BS

charcoal 2 max. size 50mm

cf. Vicia sp(p).	1	
Gramineae/Cerealia (ch culm fgts)	1	
Cerealia indet.	1	
cf. Triticum sp(p).	1	
Triticum/Hordeum sp(p). (rachis fgts)	1	
cf. Secale cereale	1	
Hordeum sp(p).	1	
Cladium mariscus (ch lf fgts)	3	

Sample: 542/SPT

'ash beads'	1	
burnt soil	4	
cf. Salix (charcoal)	1	
charcoal	3	max. size 35mm
charred buds	1	
coal	1	max. size 5mm
dicot lf fgts (ch)	1	
fish bone	1	
Quercus (charcoal)	3	max. size 35mm
sand	3	
twig fgts (ch)	1	max. size 10mm

Atriplex sp(p). (ch)	1	
Scleranthus annuus (ch)	1	
Ranunculus cf. sardous (ch)	1	
Rubus sp(p). (ch)	1	
Chrysanthemum segetum (ch)	1	
Centaurea sp(p). (ch)	1	
Lapsana communis (ch)	1	
Gramineae/Cerealia (ch c/n)	2	
Gramineae/Cerealia (ch culm fgts)	2	
cf. Triticum sp(p).	1	
cf. Secale cereale (rachis fgts)	1	specimen(s) picked out and tubed
Secale cereale	1	
Hordeum sp(p). (inc hulled)	1	

Context: 2120
Sample: 545/T

burnt bone fgts	1	max. size 10mm
charcoal	3	max. size 20mm
gravel	2	max. size 25mm
sand	3	

Context: 2121
Sample: 547/BS

charcoal 2 max. size 30mm

cf. Vicia sp(p).	1	
cf. Triticum sp(p).	1	
cf. Secale cereale	1	
Hordeum sp(p).	1	
cf. Avena sp(p).	1	

Context: 2129
Sample: 551/BS

charcoal	2	max. size 20mm
Cerealia indet.	1	
cf. Secale cereale	1	
Avena sp(p).	1	

Context: 2130
Sample: 549/T

baked clay/daub	3	max. size 40mm
charcoal	1	max. size 40mm
Corylus (charcoal)	1	max. size 40mm
gravel	1	max. size 15mm
pottery	1	max. size 15mm
Quercus (charcoal)	1	max. size 20mm
sand	2	

Centaurea sp(p). (ch)	1	
Gramineae/Cerealia (ch culm fgts)	2	
cf. Hordeum sp(p). (rachis fgts)	1	

Context: 2143
Sample: 556/BS

charcoal	2	max. size 15mm
cf. Secale cereale	1	
Avena sativa (spk/fts/fgts)	1	

Context: 2145
Sample: 561/T

?burnt soil	2	
Cenococcum (sclerotia)	1	
charcoal	1	max. size 30mm
charred herbaceous detritus	1	
gravel	1	max. size 15mm
sand	2	

Urtica dioica	1	
Chenopodium album	1	
Brassica sp(p). (sf)	1	
Calluna vulgaris (lvs)	1	a single specimen
Sambucus nigra (sf)	1	
Chrysanthemum segetum (ch)	1	
cf. Bromus sp(p).	1	

Sample: 562/BS

charcoal 2 max. size 30mm

cf. Vicia sp(p).	1	
cf. Secale cereale	1	
cf. Hordeum sp(p).	1	
Triticum/Hordeum sp(p). (rachis fgts)	1	
Context: 2148		

Sample: 569/T

burnt soil	2
charcoal	2 max. size 50mm
charred herbaceous detritus	1
gravel	1
Quercus (charcoal)	1 max. size 50mm
sand	2
silicified herbaceous detritus	1
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Polygonum lapathifolium (ch)	1
cf. Vicia sp(p).	1
cf. Vicia sp(p). (cot)	1
Calluna vulgaris (ch sht fgts)	1
cf. Calluna vulgaris (ch rt-tw fgts)	1
Cerealia indet.	1

Sample: 570/BS

bark fgts (ch)	1 max. size 15mm
charcoal	2 max. size 40mm
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Prunus spinosa (ch)	1 a single fragment
cf. Pisum sativum	1
Secale cereale	1
cf. Hordeum sp(p).	1
Avena sativa (spklt/fgts)	1

Context: 2156
Sample: 614/BS

charcoal	2 max. size 30mm
Cerealia indet.	1

Context: 2164
Sample: 591/T

charcoal	1 max. size 15mm
coal	1 max. size 45mm
fish bone	1 max. size 10mm
gravel	1 max. size 10mm
iron-rich concretions	1 max. size 10mm
Pre-Quaternary megaspores	1
sand	3
<hr/>	
Chrysanthemum segetum (ch)	1
Centaurea sp(p). (ch af)	1
Gramineae (ch)	1
Cerealia indet.	1
Hordeum sp(p).	1

Sample: 592/BS

charcoal	2 max. size 10mm
twig fgts (ch)	1
<hr/>	
cf. Vicia sp(p).	1
cf. Calluna vulgaris (ch rt-tw fgts)	1
Cerealia indet.	1
cf. Hordeum sp(p).	1

Context: 2165

Sample: 597/BS

charcoal	2 max. size 10mm
cf. Calluna vulgaris (ch rt-tw fgts)	1
Gramineae/Cerealia (ch c/n)	1
Cerealia indet.	1
Secale cereale	1
Hordeum sp(p).	1

Context: 2174

Sample: 598/T

burnt soil	3
charcoal	1 max. size 15mm
flint	1 max. size 20mm
limestone	1 max. size 60mm
Pre-Quaternary megaspores	1
sand	2
<hr/>	
Salix sp(p). (ch b)	1
Corylus avellana (ch)	1 max. size 5mm
Brassica sp./Sinapis arvensis	1
Vicia sp(p).	1
cf. Calluna vulgaris (ch rt-tw fgts)	1
Galium sp(p). (ch)	1
Centaurea sp(p). (ch)	1
Gramineae/Cerealia (ch culm fgts)	1
Cerealia indet.	1

Context: 2177

Sample: 602/T

burnt soil	3
charcoal	2 max. size 20mm
charred herbaceous detritus	2
charred moss	1
charred rhizome/root fgts	1
Quercus (charcoal)	2 max. size 15mm
sand	3
stone	1 max. size 60mm
<hr/>	
Pteridium aquilinum (ch pinn fgts)	1
Polygonum aviculare agg. (ch)	1
Rumex sp(p). (ch)	1
Chenopodium album (ch)	1
Brassica sp./Sinapis arvensis	1
Potentilla cf. reptans (ch)	1
Linum usitatissimum (ch)	1
Erica tetralix (ch)	1
Calluna vulgaris (ch fls)	1
Calluna vulgaris (ch sht fgts)	1
cf. Calluna vulgaris (ch rt-tw fgts)	1
cf. Juncus squarrosus (ch)	1
Carex sp(p). (ch)	1

Context: 2180

Sample: 600/T

?burnt peat fgts	1 max. size 5mm
?burnt soil	3
?peat fgts	max. size 5mm2
baked clay/daub	1 max. size 25mm
Cenococcum (sclerotia)	2 max. size 20mm
charcoal	1 max. size 10mm
charred herbaceous detritus	1

earthworm egg caps 1 very decayed
 fish bone 1 max. size 5mm
 glassy slag 1 max. size 10mm
 sand 3

 Polygonum aviculare agg. (ch) 1
 Rumex acetosella agg. (ch) 1
 Chenopodium album 1
 Montia fontana ssp. chondrosperma 1
 cf. Caltha palustris 1
 Ranunculus flammula (ch) 1
 Papaver rhoeas/dubium 1
 Papaver argemone 1 very decayed
 Rubus fruticosus agg. (ch) 1
 cf. Vicia sp(p). 1
 Erica cinerea 1
 Erica cinerea (lvs) 1
 Calluna vulgaris (ch lvs) 1
 Calluna vulgaris (lvs) 2
 Calluna vulgaris (sht fgts) 1
 cf. Calluna vulgaris (ch rt-tw fgts) 2 max. size 20mm
 Scutellaria galericulata 1
 Chrysanthemum segetum (ch) 1
 cf. Juncus squarrosus (ch) 1
 Gramineae 1
 Hordeum sp(p). (inc spr) 1
 Carex sp(p). (ch) 1
 Chara sp(p). 1

Sample: 601/BS

charcoal 2 max. size 15mm
 coal 1 max. size 20mm
 root/rhizome fgts (ch) 1
 twig fgts (ch) 1

 Crataegus sp./Prunus spinosa (thorns) 1
 cf. Vicia sp(p). 1
 cf. Calluna vulgaris (ch rt-tw fgts) 1
 cf. Secale cereale 1

Context: 2202

Sample: 622/BS

charcoal 2 max. size 15mm

 Corylus avellana (ch) 1 max. size 5mm
 Raphanus raphanistrum (ch pod segs/fgts) 1
 cf. Calluna vulgaris (ch rt-tw fgts) 1
 Secale cereale 1
 Hordeum sp(p). 1

Context: 2214

Sample: 635/T

bone fgts 1 max. size 25mm
 Cenococcum (sclerotia) 1
 charcoal 1 max. size 15mm
 charred herbaceous detritus 1
 Fe object(s) 1
 fish bone 1
 gravel 2 max. size 35mm
 pottery 1 max. size 25mm
 sand 2

Corylus avellana (ch) 1 max. size 5mm

Papaver cf. argemone 1 very decayed
 Chelidonium majus 1 very decayed
 Calluna vulgaris (ch b) 1
 cf. Calluna vulgaris (ch rt-tw fgts) 1
 Sambucus nigra (sf) 1
 cf. Juncus squarrosus (ch) 1
 Gramineae/Cerealia (ch c/n) 1
 Cerealia indet. 1

Sample: 636/BS

charcoal 2 max. size 25mm

 Corylus avellana (ch) 1 max. size 15mm
 cf. Vicia faba 1
 Cerealia indet. 1
 Hordeum vulgare (inc twstd) 1

Context: 2217

Sample: 621/BS

charcoal 2 max. size 20mm

 Secale cereale 1
 Hordeum sp(p). 1
 Avena sp(p). 1

Context: 2224

Sample: 627/BS

charcoal 3 max. size 25mm
 twig fgts (ch) 1 max. size 25mm

 Corylus avellana (ch) 1 max. size 10mm
 Polygonum persicaria/lapathifolium 1
 Bilderdykia convolvulus (ch) 1
 Raphanus raphanistrum (ch pod segs/fgts) 1
 Prunus spinosa (ch) 1
 Prunus domestica ssp. insititia 1 a single fragment
 cf. Vicia sp(p). 1
 cf. Calluna vulgaris (ch rt-tw fgts) 1
 Galium aparine (ch) 1
 Triticum sp(p). 1
 Secale cereale 1
 Hordeum sp(p). 1
 Avena sativa (spkIts/fgts) 1

Context: 2225

Sample: 629/BS

bark fgts (ch) 1 max. size 10mm
 charcoal 2 max. size 30mm
 twig fgts (ch) 1 max. size 25mm

Corylus avellana (ch) 1 max. size 10mm
 cf. Vicia sp(p). 1
 Triticum sp(p). 1
 Secale cereale 1
 Avena sativa (spkIts/fgts) 1

Context: 2229

Sample: 658/BS

charcoal 2 max. size 45mm

Corylus avellana (ch) 1 max. size 5mm
 cf. Vicia sp(p). 1
 cf. Calluna vulgaris (ch rt-tw fgts) 1
 Cerealia indet. 1

Context: 2233
 Sample: 634/BS

?burnt peat fgts 1 max. size 25mm
 charcoal 2 max. size 15mm
 coal 1 max. size 20mm

Context: 2245
 Sample: 639/T

?burnt peat fgts 1 max. size 5mm
 Cenococcum (sclerotia) 1
 charcoal 1 max. size 10mm
 charred herbaceous detritus 1
 coal 1 max. size 5mm
 fish scale 1
 gravel 1 max. size 5mm
 sand 1

Corylus avellana 1
 Ranunculus Section Ranunculus 1
 cf. Vicia sp(p). (cot) 1
 cf. Calluna vulgaris (ch rt-tw fgts) 1
 Galium aparine (ch) 1
 Sambucus nigra 1
 Hordeum sp(p). (rachis fgts) 1
 cf. Secale cereale 1
 cf. Hordeum sp(p). 1
 Avena sp(p). 1
 Carex sp(p). (ch) 1
 Polytrichum sp(p). (ch sht fgts) 1

Sample: 640/BS

charcoal 2 max. size 30mm

Corylus avellana (ch) 1 max. size 10mm
 Brassica sp./Sinapis arvensis 1
 cf. Vicia sp(p). 1
 Triticum sp(p). 1
 cf. Secale cereale 1
 cf. Hordeum sp(p). 1
 Cladium mariscus (ch lf fgts) 1 a single specimen

Context: 2247
 Sample: 642/BS

charcoal 1 max. size 30mm

Context: 2253
 Sample: 647/T

charcoal 1 max. size 10mm
 fish bone 1 max. size 20mm
 fish scale 1
 gravel 2 max. size 30mm
 pottery 1 max. size 20mm
 Pre-Quaternary megaspores 1
 sand 3

Rumex acetosella agg. (ch) 1
 Chenopodium album 1
 Ranunculus flammula (ch) 1
 Papaver argemone (ch) 2
 Linum usitatissimum (ch caps fgts) 1 a single specimen
 Chrysanthemum segetum (ch) 1
 Lapsana communis (ch) 1

Sample: 648/BS

charcoal 2 max. size 15mm

cf. Vicia sp(p). 1
 Triticum sp(p). 1
 Secale cereale 1

Context: 2253
 Sample: 653/SPT

burnt soil 2
 Quercus (charcoal) 3 max. size 30mm

Context: 2255
 Sample: 644/BS

charcoal 2 max. size 30mm
 twig fgts (ch) 1

Corylus avellana (ch) 1 max. size 5mm
 Prunus spinosa (ch) 1
 Linum usitatissimum (ch) 1
 Sambucus nigra 1
 cf. Secale cereale 1
 Hordeum sp(p). (inc spr) 1
 Avena sp(p). (inc spr) 1

Context: 2256
 Sample: 651/BS

charcoal 2 max. size 25mm

Context: 2369
 Sample: 672/T

charcoal 1 max. size 5mm
 charred herbaceous detritus 1
 coal 1 max. size 5mm
 fish bone 1
 fish scale 1
 gravel 1 max. size 10mm
 sand 3

Bilderdykia convolvulus (ch) 1
 Rumex sp(p). (ch) 1
 Rumex acetosella agg. 1
 Rumex acetosella agg. (ch) 2
 Ranunculus sardous (ch) 1
 Papaver argemone 1 very decayed
 Erica tetralix (ch lvs) 1
 Erica tetralix (ch) 1
 Calluna vulgaris (ch sht fgts) 1
 Calluna vulgaris (lvs) 2 very decayed
 Calluna vulgaris (sht fgts) 1
 cf. Calluna vulgaris (ch rt-tw fgts) 1

Chrysanthemum segetum (ch) 1
 Juncus sp(p). 1
 Juncus sp(p). (ch) 1
 Gramineae (ch) 1
 Cerealia indet. (chaff) 1

Sample: 673/BS

charcoal 1 max. size 15mm
 Coniferae (charcoal) 1 max. size 25mm

Corylus avellana (ch) 1 max. size 15mm
 cf. Calluna vulgaris (ch rt-tw fgts) 1
 Triticum sp(p). 1
 Secale cereale 1
 Hordeum sp(p). (inc hulled) 1

Context: 2397

Sample: 680/T

charcoal 1 max. size 10mm
 eggshell membrane fgts 1
 fish bone 1
 fly puparia 2
 iron-rich concretions 2 max. size 15mm
 mammal bone 1
 root/rootlet fgts 1
 sand 1

Ficus carica 1
 Rumex sp(p). 1 including fgts
 Rumex acetosella agg. 1
 Chenopodium album 1
 Stellaria media 1
 Agrostemma githago (sf) 2
 Silene vulgaris 1
 Ranunculus Section Ranunculus 1
 Ranunculus sardous 1
 Papaver argemone 1
 Brassica sp(p). (sf) 1
 Raphanus raphanistrum (pod segs/fgts) 1
 Rubus idaeus 2
 Rubus fruticosus agg. 2
 Fragaria cf. vesca 2
 Malus sylvestris (endo) 1
 Prunus spinosa 1 including fgts
 Leguminosae (fls/pet) 1
 Linum usitatissimum (sf) 1
 Hypericum sp(p). 1
 Viola sp(p). 1
 Anthriscus sylvestris 1 fragment(s) only
 Torilis japonica 1
 Galeopsis Subgenus Galeopsis 1 fragment(s) only
 Valerianella cf. dentata 1
 Knautia arvensis 1
 Campanula cf. rotundifolia 1
 Anthemis cotula 1
 Chrysanthemum segetum 1
 Carduus/Cirsium sp(p). 1
 Centaurea sp(p). 1 including fgts
 Sonchus asper 1
 Lapsana communis 1
 Juncus sp(p). 1
 Gramineae 1
 Gramineae (ch) 1
 Gramineae/Cerealia (ch c/n) 1
 Triticum/Secale ('bran' fgts) 1

cf. Cyperaceae (pap epid) 1

Context: 2397

Sample: 681/BS

?faecal concretions 2 max. size 80mm
 burnt bone fgts 1
 charcoal 1 max. size 15mm
 eggshell membrane fgts 1
 peat fgts 2 max. size 20mm

Rubus fruticosus agg. 1
 Prunus spinosa 1
 Prunus domestica ssp. insititia 1
 Prunus Section Cerasus 1 a single fragment
 cf. Calluna vulgaris (ch rt-tw fgts) 1
 Cerealia indet. 1

Context: 2401

Sample: 710/BS

charcoal 2 max. size 15mm
 fish bone 1

Corylus avellana (ch) 1 max. size 10mm
 cf. Calluna vulgaris (ch rt-tw fgts) 1
 Cerealia indet. 1
 Hordeum sp(p). 1
 Avena sp(p). 1

Context: 2402

Sample: 706/BS

charcoal 2 max. size 15mm

Corylus avellana (ch) 1 max. size 10mm
 cf. Vicia sp(p). 1
 Vicia faba 1 a single specimen
 cf. Calluna vulgaris (ch rt-tw fgts) 1
 Cerealia indet. 1
 Hordeum sp(p). 1

Context: 2425

Sample: 683/T

bird bone 1 max. size 15mm
 Cenococcum (sclerotia) 1
 charcoal 1 max. size 10mm
 charred herbaceous detritus 1
 coal 1 max. size 10mm
 gravel 2 max. size 35mm
 iron-rich concretions 1 max. size 5mm
 Pre-Quaternary megaspores 1
 sand 3

Polygonum lapathifolium (ch) 1
 Rumex acetosella agg. (ch) 1
 Spargula arvensis (ch) 1
 Calluna vulgaris (lvs) 1
 Sambucus nigra 1
 Chrysanthemum segetum (ch) 1
 Triticum sp(p). 1 a single specimen
 cf. Avena sp(p). 1 a single specimen
 Scirpus maritimus/lacustris (ch) 1

Sample: 685/BS		coal	1 max. size 5mm
?burnt peat fgts	1 max. size 10mm	Cristatella (statoblasts)	1
charcoal	2 max. size 10mm	fish scale	1 max. size 2mm
coal	1 max. size 10mm	Fraxinus (charcoal)	1 max. size 15mm
Corylus avellana (ch)	1 max. size 10mm	Pre-Quaternary megaspores	1
cf. Crataegus sp(p). (ch)	1	Quercus (charcoal)	1 max. size 20mm
Cerealia indet.	1		
Hordeum sp(p).	1	cf. Linum usitatissimum (ch)	1 a single fragment
		Sambucus nigra	1
		cf. Avena sp(p).	1
<hr/>		<hr/>	
Context: 2429		Context: 2549	
Sample: 690/BS		Sample: 731/BS	
charcoal	2 max. size 20mm	charcoal	1 max. size 20mm
root moulds (min)	1	twig fgts (ch)	1 max. size 25mm
woody root fgts	1		
Corylus avellana (ch)	1 max. size 10mm	Corylus avellana (ch)	3 max. size 5mm
Brassica sp./Sinapis arvensis	1	Triticum sp(p).	1
cf. Pisum sativum	1	Secale cereale	1
cf. Calluna vulgaris (rt-tw fgts)	1	Hordeum sp(p).	1
Cerealia indet.	1		
Hordeum sp(p).	1		
Avena sp(p).	1		
<hr/>		Sample 731/T	
Context: 2435		'ash beads'	1
Sample: 691/T		?burnt soil	4 max. size 30mm
baked clay/daub	1 max. size 30mm	ash	1
charcoal	2 max. size 25mm	chalk	1 max. size 15mm
fine plant detritus	1	charcoal	2 max. size 20mm
gravel	2 max. size 35mm	charred herbaceous detritus	2
sand	2	cinders	1 max. size 10mm
wood fgts	1 v. dec., max. size 2mm	monocot stem fgts (min)	1
Juncus inflexus/effusus/conglomeratus	1 very decayed	moss (contaminant)	1
Cerealia indet. (chaff)	1 a single specimen	Quercus (charcoal)	1
		sand	3
		silicified herbaceous detritus	1
		twig fgts (ch)	1
		cf. Salix sp(p). (ch tw fgts)	1 max. length 40mm by width/diameter 10mm
Sample: 702/BS		Polygonum aviculare agg. (ch)	1
charcoal	2 max. size 55mm	Polygonum persicaria/lapathifolium (ch)	1
Corylus avellana (ch)	1 max. size 5mm	cf. Vicia sp(p). (cot)	1
Vicia sp(p).	1	Chrysanthemum segetum (ch)	1
cf. Pisum sativum	1	Centaurea sp(p). (ch)	1
Hordeum sp(p).	1	Juncus sp(p). (sil aer pith)	1
Avena sativa (spklt/fgts)	2	Gramineae/Cerealia (ch c/n)	1
		Gramineae/Cerealia (ch culm fgts)	1
		cf. Bromus sp(p).	1
		cf. Triticum sp(p).	1
		cf. Secale cereale (rachis fgts)	1
		Avena sativa (spklt/fgts)	1
		Carex sp(p). (ch)	1
<hr/>		Context: 2555	
Context: 2460		Sample: 735/T	
Sample: 716/BS		bone fgts	1 max. size 20mm
charcoal	3 max. size 50mm	burnt soil	2
Corylus avellana (ch)	1 max. size 10mm	charcoal	2 max. size 25mm
Prunus spinosa	1	fish bone	1
cf. Triticum sp(p).	1	gravel	2 max. size 25mm
Secale cereale	1	metallic slag	1 max. size 70mm
Avena sp(p).	1	sand	3
<hr/>			
Context: 2467			
Sample: 705/T			
charcoal	1 max. size 15mm		

Polygonum lapathifolium (ch)	1
Gramineae (ch)	1
Cerealia indet.	1
cf. Avena sp(p). (spklt/sfgts)	1

Context: 2567
Sample: 741/BS

charcoal	1 max. size 25mm
Corylus avellana (ch)	1 max. size 5mm
Ilex aquifolium (ch)	1
cf. Calluna vulgaris (ch rt-tw fgts)	1
cf. Secale cereale	1

Context: 2569
Sample: 795/T

?burnt peat fgts	1 max. size 5mm
burnt fish bone	1 max. size 5mm
charcoal	1 max. size 10mm
charred herbaceous detritus	2 max. size 5mm
charred rhizome/root fgts	1
fish bone	1 max. size 2mm
fish scale	1 max. size 1mm
flint	1 max. size 30mm
pottery	1 max. size 20mm
sand	3
silicified herbaceous detritus	1

Corylus avellana (ch)	1 max. size 10mm
Rumex acetosella agg. (ch)	1
cf. Vicia sp(p). (cot)	1
cf. Calluna vulgaris (ch rt-tw fgts)	1
Sambucus nigra (sf)	1
Chrysanthemum segetum (ch)	1
Centaurea sp(p). (ch af)	1
cf. Juncus squarrosus (ch)	1
Cerealia indet.	1
cf. Secale cereale	1
Eriophorum vaginatum (ch scl sp)	1
Carex sp(p). (ch)	1
Polytrichum sp(p). (ch sht fgts)	1

Sample: 796/BS

charcoal	1
Corylus avellana (ch)	1

Context: 2571
Sample: 745/BS

charcoal	2
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Context: 2589
Sample: 748/T

coal	4 max. size 30mm
gravel	1 max. size 10mm
root/rootlet fgts	1
sand	1

Context: 2595
Sample: 752/T

baked clay/daub	2 max. size 10mm
charcoal	2 max. size 10mm
coal	1 max. size 5mm
fish bone	1 max. size 3mm
fish scale	1 max. size 2mm
gravel	3 max. size 20mm
Pre-Quaternary megaspores	1
sand	3
Rumex acetosella agg. (ch)	1
Gramineae (ch)	1
Cerealia indet.	1
Eleocharis palustris sl (ch)	1

Sample: 753/BS

bark fgts	1 max. size 10mm
charcoal	2 max. size 15mm
Corylus avellana (ch)	1 max. size 15mm
Bilderdykia convolvulus (ch)	1
Triticum sp(p).	1
Secale cereale	1
Avena sp(p).	1

Context: 2642
Sample: 807/SPT

bark fgts	1 max. size 30mm
charcoal	1 max. size 15mm
cinders	1 max. size 15mm
coal	1 max. size 5mm
Daphnia (ephippia)	1
dicot lf fgts	3
dicot stem fgts	1
earthworm egg caps	2
fly puparia	1
gravel	1 max. size 10mm
leaf ab pads	1
twig fgts	3 max. length 70mm by width/diameter 10mm

Pteridium aquilinum (pinn fgts)	1
Salix sp(p). (b)	2
Salix sp(p). (lf fgts)	1
Salix sp(p). (tw fgts)	1 max. length 150mm by width/diameter 15mm

Quercus sp(p). (b/bs)	1
Ficus carica	1 a single specimen
Urtica dioica	1
Polygonum aviculare agg.	1
Polygonum hydropiper	2
Polygonum persicaria	1
Rumex sp(p).	1
Rumex acetosella agg.	1 nutlets and perianth segs both present
Rumex cf. conglomeratus	1 nutlets and perianth segs both present
Atriplex sp(p).	3
Stellaria media	1
Ranunculus Section Ranunculus	1
cf. Barbarea sp(p).	1

Brassica cf. rapa	2	Context: 2706	
Prunus spinosa (thorns)	1	Sample: 793/T	
Ulex sp(p). (lfy tw fgts)	1		
Ilex aquifolium (lef/prickles)	1	?burnt soil	1
Conium maculatum	3	Cenococcum (sclerotia)	1
Heracleum sphondylium	1 fragment(s) only	charcoal	1 max. size 2mm
Fraxinus excelsior (fr fgts)	2	coal	1 max. size 2mm
Marrubium vulgare	2	Pre-Quaternary megaspores	1
Marrubium vulgare (cal)	1	sand	2
Lamium Section Lamiopsis	1	unwashed clay sediment	2
Sambucus cf. ebulus	1		
Sambucus nigra	2	Ranunculus sardous (ch)	1
Sambucus nigra (tw fgts)	1 max. length 150mm by width/diameter 20mm	Chrysanthemum segetum (ch)	1
Chrysanthemum segetum	1	Sample: 794/BS	
Arctium sp(p).	3		
Arctium sp(p). (inv br/hooks)	1	charcoal	1 max. size 15mm
Arctium sp(p). (inv)	2		
Picris echioides	1	cf. Calluna vulgaris (ch rt-tw fgts)	1
Sonchus asper	1		
cf. Hordeum sp(p).	1 a single specimen		
Scorpidium scorpioides	1		
<hr/>		Context: 2709	
Context: 2644		Sample: 791/T	
Sample: 760/BS		?anthers (indet.)	1
charcoal	1	bone fgts	1 max. size 30mm
root moulds (min)	2	charcoal	1 max. size 5mm
		gravel	2 max. size 30mm
		moss (contaminant)	1
		sand	2
<hr/>		Juncus cf. gerardi	1
Context: 2646		Sphagnum sp(p). (lvs)	1 a single specimen
Sample: 788/BS			
charcoal	1		
Corylus avellana (ch)	1		
<hr/>		Context: 2716	
Context: 2647		Sample: 799/BS	
Sample: 770/T		charcoal	1
Cenococcum (sclerotia)	1	Corylus avellana (ch)	1
charcoal	1 max. size 2mm		
gravel	2 max. size 20mm	Context: 2718	
Heterodera (cysts)	1	Sample: 809/T	
iron-rich concretions	2 max. size 10mm	charcoal	1 max. size 10mm
Pre-Quaternary megaspores	1	gravel	2 max. size 30mm
sand	2	iron-rich concretions	1 max. size 10mm
Papaver argemone	1 very decayed	pottery	1 max. size 30mm
Raphanus raphanistrum (pod segs/fgts)	1	sand	3
Reseda luteola	2	Sambucus nigra	1
Viola sp(p).	1 a single fragment	Sambucus nigra (ch)	1
Calluna vulgaris (lvs)	1	Gramineae/Cerealia (ch)	1
Sambucus nigra (sf)	1		
Juncus inflexus/effusus/conglomeratus	1	Sample: 810/BS	
Juncus cf. gerardi	1		
Juncus bufonius	1	charcoal	1 max. size 15mm
Scirpus setaceus	1	fish bone	1
Carex sp(p).	1		
<hr/>		Corylus avellana (ch)	1
Context: 2654		cf. Calluna vulgaris (ch rt-tw fgts)	1
Sample: 776/BS			
charcoal	2		

Context: 2741 Sample: 803/BS		Viola sp(p).	1 fragment(s) only
		Hyoscyamus niger	1 fragment(s) only
charcoal	1 max. size 25mm	Sambucus cf. ebulus (ch)	1
		Sambucus nigra (sf)	1
Corylus avellana (ch)	1 max. size 5mm	Juncus cf. gerardi	2
		Juncus bufonius	1
		Avena cf. sativa (spkltts/fgts)	1
		Typha sp(p).	1
<hr/>			
Context: 2779 Sample: 841/T		Sample: 821/BS	
burnt bone fgts	1 max. size 2mm	bark fgts	1 max. size 35mm
Cenococcum (sclerotia)	1	charcoal	1 max. size 20mm
charcoal	1 max. size 5mm	twig fgts (ch)	1 max. size 20mm
charred herbaceous detritus	1	wood fgts	1 max. size 30mm
coal	1 max. size 2mm		
Cristatella (statoblasts)	2	Corylus avellana	1 max. size 15mm
gravel	1 max. size 20mm	Corylus avellana (ch)	1 max. size 10mm
Pre-Quaternary megaspores	1	Cerealia indet.	1
sand	1	Avena sativa (spkltts/fgts)	1
wood fgts	1 very decayed		
Corylus avellana (ch)	1 max. size 5mm	Context: 2915	
Urtica dioica	1	Sample: 830/BS	
Chenopodium album	1	bark fgts	1 max. size 50mm
Papaver argemone	1 very decayed	charcoal	2 max. size 15mm
Rubus idaeus	1	wood fgts	1 max. size 50mm
Rubus fruticosus agg.	1		
Hypericum sp(p).	1	Corylus avellana	1 max. size 10mm
Viola sp(p).	1 including fgts	Bilderdykia convolvulus (ch)	1
Aethusa cynapium	1	Rubus fruticosus agg.	1
cf. Calluna vulgaris (ch rt-tw fgts)	1	Prunus spinosa	1 fragment(s) only
Scrophularia sp(p).	1		
Sambucus cf. ebulus	1	Context: 3003	
Sambucus nigra	1 including fgts	Sample: 843/T	
Campanula cf. rotundifolia	1	?faecal concretions	1 max. size 15mm
Chrysanthemum segetum (ch af)	1	burnt bone fgts	1 max. size 20mm
Alisma sp(p).	1 'embryos' only	charcoal	1 max. size 10mm
Gramineae	1	fish bone	1 max. size 20mm
Cerealia indet. (awns)	1	gravel	1 max. size 25mm
cf. Avena sp(p). (chaff)	1	mammal bone	2 max dimension 130mm
Scirpus setaceus	1	sand	2
Context: 2787 Sample: 812/BS		Sambucus nigra	1
charcoal	2	Juncus sp(p).	1
		Juncus cf. gerardi	1
		Carex sp(p).	1
Context: 2851 Sample: 820/T		Context: 3011	
charcoal	1 max. size 10mm	Sample: 846/T	
fish bone	1	bark fgts	1 max. size 30mm
root/rootlet fgts	2 very decayed	burnt bone fgts	1 max. size 20mm
wood fgts	1 v. dec., max. size 15mm	caddis larva cases	1
		charcoal	2 max. size 10mm
Corylus avellana	1 very decayed	fine plant detritus	1
Corylus avellana (ch)	1 max. size 5mm	fish bone	1 max. size 15mm
Urtica dioica	2	flint	1 max. size 70mm
Atriplex sp(p).	1	gravel	2
Stellaria cf. graminea	1	iron-rich concretions	3
Spergularia arvensis	1	sand	2
Ranunculus Section Ranunculus	1	wood fgts	2 v. dec., max. size
Rosa sp(p). (ch)	1 a single specimen		
Potentilla anserina	1		

	15mm
Corylus avellana	1 v. dec., max. size 5mm
Urtica dioica	1
Raphanus raphanistrum (pod segs/fgts)	1
Rubus idaeus	1
Rubus fruticosus agg.	1
Vicia sp(p).	1
Galeopsis sp(p).	1 including fgts
Stachys sp(p).	1
Sambucus cf. ebulus	1
Sambucus nigra	1
Alisma sp(p).	1 'embryos' only
Juncus sp(p).	2
Juncus gerardi	1
Typha sp(p).	2
Carex sp(p).	1

Context: 3012
Sample: 844/T

charcoal	1 max. size 10mm
fine plant detritus	1
fish bone	1 max. size 15mm
fish scale	1 max. size 1mm
gravel	1 max. size 30mm
iron-rich concretions	3 max. size 10mm
root/rootlet fgts	1
sand	2
wood fgts	1 v. dec., max. size 2mm
Urtica dioica	1
Papaver argemone	1 very decayed
Sambucus nigra	1 including many fgts
Campanula cf. rotundifolia	1
Juncus inflexus/effusus/conglomeratus	2
Juncus cf. gerardi	1
Typha sp(p).	1

Table 3. Abundance-indicator values (AIVs) for plant remains from samples from North Bridge, Doncaster, with more than 20 taxa.

Samples are listed in context and sample order and within each category of AIV group in reverse order of AIV. For an explanation of the group codes, see Table 4. AIVs are calculated by summing the products of two parameters for each taxon contributing to the group: the amount present in the sample (on a 4-point scale) and the score for how strongly that taxon indicates the group concerned. Thus a taxon which is very likely to have been used for dyeing will be given a '3' for the indicator score; if it was present at an abundance of 2, the product is 6, and this is summed together with all other values for this group for the sample to obtain the overall AIV for 'DYES'.

Context: 1087, Sample: 123/T		EPIL	2	USEF	12	
		FEBR	2	FOOS	3	
Group	AIV	LITT	2	WOOD	1	
		MOAR	2			
BOGS	3	NACA	2	NACA	23	
		RHPR	2	OXSP	10	
FOOS	6	SCCA	2	QUFA	5	
FIBR	3	SESC	2	ALNE	2	
FOOO	3	PHRA	1	ARTE	2	
		QUER	1	CHEN	2	
CHEN	18	<hr/>			EPIL	2
QUFA	11	Context: 1378, Sample: 254/ T			PLAN	2
SECA	11	Group	AIV	RHPR	2	
ARTE	9			SESC	2	
EPIL	7			SECA	1	
FEBR	7			<hr/>		
MOAR	7	CALC	2	Context 1415, Sample: 311/ SPT		
RHPR	7			Group	AIV	
BIDE	6	FOOS	9	FUGE	3	
PLAN	5	DYES	3	FENS	5	
ALNE	4	HERB	1	MARS	5	
NACA	3			BOGS	4	
POTA	3	ARTE	12	HEMO	3	
TRGE	3	QUFA	12	GRAS	2	
CAKI	2	BIDE	11	WOOF	2	
LITT	2	RHPR	11	DUNS	1	
PHRA	2	CHEN	10			
SCCA	2	EPIL	9	USEF	16	
SESC	2	ALNE	8	DYES	1	
ISNA	1	CAKI	6	FOOF	1	
MOCA	1	SECA	5	FOOS	1	
QUER	1	FEBR	3	HERB	1	
<hr/>		MOAR	3	PHRA	15	
Context: 1089, Sample: 48/TA		PHRA	2	NACA	12	
Group	AIV	PLAN	2	OXSP	7	
		TRGE	2	ALNE	3	
HEMO	1	LITT	1	<hr/>		
LIGN	1	NACA	1	Context: 1415, Sample: 291/ T		
OLIT	1	OXSP	1	Group	AIV	
SLIT	1	QUER	1			
SOIL	1	SCCA	1	FUGE	12	
WOOF	1	<hr/>			CALC	2
		Context: 1415, Sample: 291/ T			BOGS	2
FOOS	3	Group	AIV	DUNS	2	
USEF	3			FENS	2	
WOOD	1	FUGE	12	GRAS	2	
QUFA	6	FENS	5	HEMO	2	
SECA	6	HEMO	5	<hr/>		
PLAN	5	BOGS	4	Context: 1432, Sample: 317/ T		
ARTE	3	MARS	4	Group	AIV	
CHEN	3	GRAS	2			
BIDE	2	WOOF	2	FUGE	5	
				CALC	2	

LIGN	2			CHEN	10
MARS	2	Context: 1456, Sample: 447/ BS		PLAN	7
SLIT	2			EPIL	6
WOOF	2	Group	AIV	NACA	5
				SESC	4
FOOS	10	FUGE	2	ARTE	2
FOOO	4	CALC	1	BIDE	2
WOOD	4			CAKI	2
DYES	3	FOOF	4	QUFA	2
FIBR	3	FOOO	4	RHPR	2
FOOF	3	FIBR	3	OXSP	1
USEF	3	FOOS	3		
		DYES	1		
CHEN	16	HERB	1	Context: 1495, Sample: 567/ T	
QUFA	16	WOOD	1		
NACA	13			Group	AIV
RHPR	13	ARTE	10		
ARTE	12	QUFA	10	FUGE	9
BIDE	12	ALNE	7		
ALNE	8	RHPR	7	FOOS	6
EPIL	8	CHEN	6	USEF	3
MOAR	7	EPIL	6	FOOO	1
CAKI	6	MOAR	6		
PHRA	6	SECA	6	CHEN	17
SECA	6	BIDE	5	SECA	14
OXSP	5	PLAN	5	PLAN	11
PLAN	5	CAKI	3	NACA	7
LITT	4	FEBR	3	EPIL	6
SCCA	4	PHRA	3	SESC	6
FEBR	3	LITT	2	ARTE	3
TRGE	3	NACA	2	MOAR	3
SESC	2	OXSP	2	QUFA	3
QUER	1	SCCA	2	BIDE	2
		TRGE	1	CAKI	2
				FEBR	2
Context: 1456, Sample: 446/ T				RHPR	2
Group	AIV	Context: 1475, Sample: 331/ BS		TRGE	2
				OXSP	1
CALC	2	Group	AIV		
				Context: 1919, Sample: 460/ T	
BOGS	2	FUGE	7		
DUNS	2	FOOS	6	Group	AIV
FENS	2	FOOO	1		
MARS	2			FUGE	2
		SECA	11		
FOOS	14	CHEN	9	FOOS	4
WOOD	13	PLAN	7		
DYES	3	EPIL	6	CHEN	8
HERB	1	NACA	4	BIDE	5
		SESC	4	SECA	5
QUFA	16	ARTE	2	NACA	3
RHPR	13	BIDE	2	CAKI	2
ARTE	10	CAKI	2	EPIL	2
BIDE	8	QUFA	2	ISNA	2
ALNE	6	RHPR	2	MOAR	2
CHEN	6			PHRA	2
EPIL	6			PLAN	2
PHRA	6	Context: 1457, Sample: 332/ T		QUFA	2
PLAN	5			RHPR	2
FEBR	3	Group	AIV	SESC	2
MOAR	3			OXSP	1
NACA	3	FUGE	7		
QUER	3			Context: 2180, Sample: 600/ T	
SECA	3	FOOS	4		
CAKI	2	FOOO	1	Group	AIV
LITT	2	USEF	1		
SCCA	2			FUGE	3
TRGE	2	SECA	12		

FOOS	5	Context: 2642, Sample: 807/ SPT	
NACA	14	Group	AIV
OXSP	9		
CHEN	5	FUGE	5
PLAN	5	CALC	2
SECA	5		
ALNE	3	BOGS	2
CHAR	3	FENS	2
ISNA	3	MARS	2
MOAR	3		
PHRA	3	FOOS	10
QUFA	3	WOOD	6
ARTE	2	USEF	5
EPIL	2	FOOO	2
LITT	2		
RHPR	2	ARTE	24
SCCA	2	BIDE	15
SESC	2	CHEN	14
MOCA	1	EPIL	13
		QUFA	10
		MOAR	9
Context: 2397, Sample: 680/ T		CAKI	6
Group	AIV	RHPR	6
		SECA	6
FUGE	2	PLAN	5
		QUER	3
FOOS	13	ALNE	2
FIBR	3	FEBR	2
FOOO	3	NACA	2
USEF	1	SESC	2
		PHRA	1
SECA	12		
ARTE	9		
EPIL	8		
RHPR	8		
NACA	7		
QUFA	7		
CHEN	6		
FEBR	6		
TRGE	5		
MOAR	3		
SESC	3		
BIDE	2		
ISNA	2		
PLAN	2		
PHRA	1		

Table 4. Explanation of the ecological and use groups used in Table 3.

UNCL	unclassified	FEBR	plants of drier, typically calcareous, grassland
<i>Soil reaction</i>		ISNA	plants of short-lived dwarf-rush communities of winter-wet (often sandy) habitats, pond edges, wet tracks
CALC	plants with distinctly calcicole habit	LITT	plants of rooted aquatic vegetation at the edge of (usually oligotrophic) waters
FUGE	plants with distinctly calcifuge habit	MOAR	plants of grassland, including the wetter meadows and pastures, and adjacent paths
<i>Mosses</i>		MOCA	plants of oligotrophic springs and flushes, mainly upland
BOGS	mosses of peat bogs	NACA	plants of grass- and dwarf-shrub (typically <i>Calluna</i> -) dominated dry heaths and moors
DUNS	mosses of dunes and dune slacks	OXSP	plants of raised bogs and wet heaths
FENS	mosses of fens and carr	PHRA	plants of freshwater reedswamp communities
GRAS	mosses of grassland	PLAN	plants of trampled places
HEMO	mosses of heathland and moorland	POTA	plants of rooted aquatic vegetation of still or slow-moving water
LIGN	mosses growing on tree bark/dead wood	QUER	plants of deciduous woodland on poorer soils
MARS	mosses of marshes	QUFA	plants of deciduous woodland on better soils
OLIT	mosses of unshaded rocks	RHPR	plants of woodland edge scrub communities
SLIT	mosses of shaded rocks	SCCA	plants of poor to intermediate fen communities (acid to mildly basic peat)
SOIL	mosses growing on soil	SECA	plants of annual weed communities in cereal fields
WOOF	mosses of woodland floors	SESC	plants of established vegetation of sand dunes and other sandy acidic soils
<i>'Useful' plants</i>		TRGE	plants of species-rich communities of grassland/scrub boundaries, often calcicolous
DYES	plants certainly or probably used in dyeing		
FIBR	plants certainly or probably used as a source of fibre		
FOOF	plants used as flavourings (including herbs, spices)		
FOOO	plants certainly or probably used for oil		
FOOS	primary food plants		
HERB	plants certainly or probably used medicinally		
USEF	plants useful in some way other than for food, fibre, oil, dyeing, medicine or as ornamentals		
WOOD	plants likely to have originated with brushwood or timber		
<i>'Vegetation' groups</i>			
ALNE	plants of alder carr		
ARTE	plants of biennial and perennial nitrophilous tall-herb weed communities of waste places, river-banks, waysides and hedgerows		
BIDE	plants of nitrophilous weed communities of pond edges, ditches and other places subject to periodic inundation		
CAKI	plants of nitrophilous weedy communities of shingle beaches and sandy strandlines		
CHAR	plants of submerged aquatic vegetation dominated by charophytes		
CHEN	plants of annual nitrophilous weed communities of cultivated and other disturbed land, especially rootcrop fields and gardens		
EPIL	plants of nitrophilous woodland edge and clearing communities		

Table 5. The more frequently occurring plant remains and some other components recorded during analysis of the plant macrofossils from North Bridge, Doncaster—'taxa' listed here occurred in more than 10% (15) of the 150 contexts examined or scored more than 2 for at least one subsample amongst the 233 examined. For each period, the largest score for abundance (on a three- or point-point scale, depending on the type of sample, see text) is presented. Explanation of the plant parts and other abbreviations is given in Table 1.

Abbreviations for dates: ?Sx - Saxon, L11-L12 - late 11th-late 12th century; C13 etc. - 13th century etc., PM - post-medieval.

Period	2	3	4	5	6	7	8	9	10	11	12	13	15	16	17	18	19
Material/Taxon																	
?burnt soil	-	4	-	1	-	-	3	2	2	1	-	-	-	-	1	-	-
baked clay/daub	-	-	-	-	2	-	3	1	3	1	-	-	-	-	-	-	-
bark fgts	1	1	-	1	1	-	-	-	1	-	-	-	-	1	1	-	3
beetles	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	-	1
bone fgts	-	1	-	-	-	-	-	1	1	1	1	-	-	1	1	1	1
burnt bone fgts	-	1	1	-	-	1	1	1	1	1	1	-	1	1	-	-	1
burnt soil	-	-	-	-	-	-	3	2	4	2	-	2	-	-	-	-	-
<i>Cenococcum</i> (sclerotia)	-	-	1	1	1	-	2	1	1	1	1	1	2	1	1	-	-
charcoal	1	2	1	2	2	2	3	3	3	2	2	2	2	2	2	1	1
charred herbaceous detritus	-	2	1	-	2	1	2	1	2	1	1	1	2	1	1	-	-
cinders	-	1	-	-	-	-	-	-	-	-	-	-	1	1	1	1	3
coal	-	-	1	1	1	4	1	1	1	1	1	1	1	2	2	2	3
<i>Cristatella</i> (statoblasts)	-	-	2	-	-	-	1	-	1	-	1	1	1	-	1	1	-
dicot lf fgts	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	1
earthworm egg caps	-	-	-	-	-	-	1	-	-	-	-	1	1	2	2	-	2
fish bone	1	1	-	-	1	1	1	1	1	1	1	1	1	-	1	1	1
fish scale	-	1	-	-	1	-	1	-	1	1	1	1	1	-	1	1	1
gravel	-	2	1	-	3	1	2	2	2	2	1	1	1	1	1	1	2
iron-rich concretions	-	3	-	-	2	2	1	2	2	-	-	2	2	-	1	1	-
Pre-Quaternary megaspores	-	-	1	1	1	-	1	-	2	1	1	1	2	1	1	1	1
<i>Quercus</i> (charcoal)	-	1	-	-	-	-	3	1	3	2	-	1	1	-	-	-	-
sand	-	3	1	2	3	2	3	3	3	3	2	3	4	3	3	2	3
twig fgts	-	-	-	-	-	-	-	-	1	-	-	1	-	3	3	-	2
twig fgts (ch)	1	1	-	-	-	1	1	1	1	1	-	1	1	-	-	-	-
wood fgts	1	2	1	1	1	-	-	-	1	-	-	1	-	1	2	-	3
<i>Salix</i> sp(p). (b)	-	-	-	-	-	-	-	-	-	-	-	1	-	2	3	-	-
<i>Salix</i> sp(p). (tef)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
<i>Salix</i> sp(p). (tw fgts)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	1
<i>Corylus avellana</i> (ch)	1	3	1	1	1	1	1	1	1	1	1	1	1	-	1	-	1
<i>Urtica dioica</i>	2	1	1	-	-	-	-	1	1	-	1	1	1	2	3	2	3
<i>Rumex acetosella</i> agg. (ch)	-	-	-	-	2	3	1	1	1	1	-	1	-	-	-	-	-
<i>Rumex</i> sp(p). (ch)	-	-	-	-	1	1	1	-	1	-	-	1	1	-	1	-	1
<i>Chenopodium album</i>	-	-	1	-	-	-	1	1	1	1	-	1	1	2	2	1	2
<i>Atriplex</i> sp(p).	1	-	-	-	-	-	1	-	-	-	-	1	1	3	2	2	1
<i>Papaver</i> cf. <i>argemone</i>	-	-	-	-	-	-	-	1	1	3	-	-	-	-	-	-	-
<i>Ulex</i> sp(p). (lf/lvs)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
<i>Ulex</i> sp(p). (lfy sht fgts)	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	-	1
<i>Ulex</i> sp(p). (lfy tw fgts)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-
Period	2	3	4	5	6	7	8	9	10	11	12	13	15	16	17	18	19
Period	2	3	4	5	6	7	8	9	10	11	12	13	15	16	17	18	19

cf. <i>Vicia</i> sp(p).	-	-	-	-	-	1	1	1	1	1	-	2	1	-	-	-	1
<i>Conium maculatum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-
<i>Erica cinerea</i>	-	-	-	-	-	-	1	-	-	-	-	1	-	-	3	-	-
<i>Calluna vulgaris</i> (rt-tw fgts)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
cf. <i>C. vulgaris</i> (ch rt-tw fgts)	-	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1
<i>Sambucus nigra</i>	-	1	1	-	-	1	1	-	1	1	1	2	2	2	3	2	2
<i>Sambucus nigra</i> (sf)	1	-	-	-	1	-	-	1	1	1	-	1	1	-	1	1	-
<i>Chrysanthemum segetum</i> (ch)	-	1	-	1	1	3	1	1	2	1	-	1	1	-	1	1	-
<i>Arctium</i> sp(p).	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	1
<i>Cladium mariscus</i> (ch lf fgts)	-	-	-	-	-	-	1	1	3	-	-	-	-	-	-	-	-
<i>C. mariscus</i> (lf fgts)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Cerealina indet.	1	-	-	-	1	2	1	1	1	1	-	1	1	-	1	1	1
cf. <i>Triticum</i> sp(p).	-	1	-	-	-	-	1	1	1	1	-	1	1	1	-	-	1
<i>Triticum</i> sp(p).	-	1	-	-	1	1	1	1	1	1	1	1	1	1	-	-	-
cf. <i>Secale cereale</i>	-	-	-	-	1	1	1	1	1	1	-	1	1	-	-	1	-
<i>Secale cereale</i>	-	1	-	-	1	1	1	1	1	1	-	-	-	-	-	-	-
<i>Hordeum</i> sp(p).	-	1	-	-	1	1	1	1	1	1	-	1	1	1	-	-	1
<i>Avena</i> sp(p).	-	-	-	-	1	1	1	1	1	1	-	1	1	-	-	1	1
<i>Carex</i> sp(p). (ch)	-	1	-	-	1	1	1	-	1	1	1	1	1	-	1	-	-
Total no. contexts examined	1	8	1	3	8	10	22	20	18	8	2	6	13	4	13	4	9
No. examined via BS	1	4	0	3	7	9	18	17	13	6	2	2	8	3	9	2	8
No. examined via GBA	1	6	1	1	5	3	11	8	17	6	2	6	12	3	11	3	5
Period	2	3	4	5	6	7	8	9	10	11	12	13	15	16	17	18	19
Dates	?Sx	L11	C13						C13	C13-14			C14-15	C15-16	PM		
			-L12														

Table 6. Species lists in rank order for invertebrate macrofossils from samples from North Bridge, Doncaster. For each sample assemblage the adult Hemiptera (bugs) and Coleoptera (beetles) are listed first, followed by the remaining invertebrates. Weight is in kilogrammes, *n* = minimum number of individuals; *SQ* = semi-quantitative (*e* = estimate; - = fully quantitative, *m* = 'many', translated as 15 individuals; *s* = several, translated as 6). For translation of ecological codes, see Table 8. 'null' indicates that there were no recognisable remains of macro-invertebrates, although there may have been decayed scraps unassignable to Class.

Context: 1030 Sample: 10/T ReM: S Weight: 3.00 E: 0.00 F: 0.00				Megarthus sinuocollis	1	-	rt-sf
				Phyllodrepa ?floralis	1	-	rt-sf
				?Omaliinae sp.	1	-	rt
null	0	-	u	Platystethus nitens	1	-	oa-d
				Stenus sp.	1	-	u
				Gyrohypnus sp.	1	-	rt
Context: 1031 Sample: 19/T ReM: S Weight: 1.00 E: 0.00 F: 0.00				Staphylininae sp.	1	-	u
				?Tachyporus sp.	1	-	u
				Tachinus sp.	1	-	u
Pselaphidae sp. A	2	-	u	Aleocharinae sp. B	1	-	u
Clivina sp.	1	-	oa	Bryaxis/Bythinus sp.	1	-	u
Aleocharinae sp.	1	-	u	Dermestidae sp.	1	-	rt-sf
Pselaphidae sp. B	1	-	u	Rhizophagus sp.	1	-	u
Longitarsus sp.	1	-	oa-p	Atomaria sp. A	1	-	rd
*Acarina sp.	6	s	u	Corticaria sp. A	1	-	rt-sf
*Oligochaeta sp. (egg capsule)	6	s	u	Corticaria sp. B	1	-	rt-sf
				Typhaea stercorea	1	-	rd-ss
				Donaciinae sp.	1	-	oa-w-p
Context: 1087 Sample: 123/T ReM: D Weight: 3.00 E: 0.00 F: 0.00				Chrysomelinae sp.	1	-	oa-p
				Apion (Protapion) sp.	1	-	oa-p
				?Hypera punctata	1	-	oa-p
Anobium punctatum	11	-	l-sf	Curculionidae sp.	1	-	oa
Anotylus tetracaratus	8	-	rt	Scolytus sp.	1	-	l
Lathridius minutus group	8	-	rd-st	*Mayetiola sp. (puparium)	6	s	u
Cercyon analis	6	-	rt-sf	*Sepsis sp. (puparium)	1	-	u
Aleocharinae sp. A	4	-	u	*Themira putris (puparium)	1	-	u
Aphodius sp.	4	-	ob-rtf	*Sphaeroceridae (puparium)	6	s	u
Megasternum obscurum	3	-	rt	*?Telomerina flavipes (puparium)	1	-	u
Omalius rivulare	3	-	rt-sf	*Diptera spp. indet. (puparium)	15	m	u
Platystethus arenarius	3	-	rf	*Coleoptera sp. (larva)	6	s	u
Anotylus complanatus	3	-	rt-sf	*?Heterodera sp. (cyst)	6	s	u
Anotylus nitidulus	3	-	rt-d	*Acarina sp.	6	s	u
Neobisnius sp.	3	-	u	*Insecta sp. pupa	6	s	u
Carpelimus bilineatus	2	-	rt-sf	*Pulex irritans	1	-	ss
Anotylus rugosus	2	-	rt	*Formicidae sp.	1	-	u
Anotylus sculpturatus group	2	-	rt				
Tipnus unicolor	2	-	rd-st	Context: 1087 Sample: 124/BS ReM: S Weight: E: 0.00 F: 0.00			
Ptinus ?fur	2	-	rd-sf				
Cryptophagus sp.	2	-	rd-sf	*Muscidae sp. (puparium)	2	-	u
Atomaria sp. B	2	-	rd				
Orthoperus sp.	2	-	rt				
Cimicidae sp.	1	-	oa-p	Context: 1100 Sample: 61/T ReM: S Weight: 1.00 E: 0.00 F: 0.00			
Loricera pilicornis	1	-	oa				
Clivina fossor	1	-	oa	Cercyon sp.	1	-	u
Trechus obtusus or quadristriatus	1	-	oa	Ceuthorhynchinae sp.	1	-	oa-p
Bembidion sp.	1	-	oa	Curculionidae sp.	1	-	oa
Pterostichus niger	1	-	oa	Coleoptera sp.	1	-	u
Calathus sp.	1	-	oa				
Harpalus rufipes	1	-	oa	Context: 1100 Sample: 63/T ReM: S Weight: 1.00 E: 0.00 F: 0.00			
Helophorus sp.	1	-	oa-w				
Dytiscidae sp. or Hydrophilidae sp.	1	-	oa-w				
Ochthebius sp.	1	-	oa-w				
Ptenidium sp.	1	-	rt				
Ptiliidae sp.	1	-	u				
?Leiodidae sp.	1	-	u				
Megarthus denticollis	1	-	rt-sf	null	0		u

Context: 1100 Sample: 114/T ReM: S Weight: 1.00 E: 0.00 F: 0.00				Context: 1237 Sample: 179/T ReM: S Weight: 3.00 E: 0.00 F: 0.00			
null	0	-	u	null	0	-	u
Context: 1107 Sample: 55/T ReM: S Weight: 3.00 E: 0.00 F: 0.00				Context: 1248 Sample: 191/T ReM: S Weight: 3.00 E: 0.00 F: 0.00			
null	0	-	u	Curculionidae sp.	1	-	oa
				*Cristatella mucedo (statoblast)	2	-	u
Context: 1111 Sample: 100/T ReM: S Weight: 3.00 E: 0.00 F: 0.00				Context: 1262 Sample: 213/T ReM: S Weight: 1.00 E: 0.00 F: 0.00			
*Cristatella mucedo (statoblast)	6	s	u	null	0	-	u
*Oligochaeta sp. (egg capsule)	6	s	u				
Context: 1113 Sample: 91/T ReM: S Weight: 3.00 E: 0.00 F: 0.00				Context: 1309 Sample: 215/T ReM: S Weight: 1.00 E: 0.00 F: 0.00			
null	0	-	u	null	0	-	u
Context: 1140 Sample: 336/T ReM: S Weight: 3.00 E: 0.00 F: 0.00				Context: 1310 Sample: 216/T ReM: S Weight: 3.00 E: 0.00 F: 0.00			
null	0	-	u	null	0	-	u
Context: 1168 Sample: 142/T ReM: S Weight: 3.00 E: 0.00 F: 0.00				Context: 1328 Sample: 229/T ReM: S Weight: 3.00 E: 0.00 F: 0.00			
null	0	-	u	*Cristatella mucedo (statoblast)	6	s	u
Context: 1184 Sample: 156/T ReM: S Weight: 1.00 E: 0.00 F: 0.00				Context: 1356 Sample: 230/T ReM: S Weight: 3.00 E: 0.00 F: 0.00			
null	0	-	u	*Oligochaeta sp. (egg capsule)	6	s	u
				*Cristatella mucedo (statoblast)	1	-	u
Context: 1197 Sample: 161/T ReM: S Weight: 3.00 E: 0.00 F: 0.00				Context: 1364 Sample: 232/T ReM: S Weight: 3.00 E: 0.00 F: 0.00			
*Cristatella mucedo (statoblast)	2	-	u	*Cristatella mucedo (statoblast)	3	-	u
*Oligochaeta sp. (egg capsule)	1	-	u	*Acarina sp.	1	-	u
Context: 1199 Sample: 376/T ReM: S Weight: 3.00 E: 0.00 F: 0.00				Context: 1378 Sample: 254/T ReM: S Weight: 1.00 E: 0.00 F: 0.00			
null	0	-	u	Carabidae sp.	1	-	ob
Context: 1215 Sample: 172/T ReM: S Weight: 3.00 E: 0.00 F: 0.00				Micropeplus fulvus	1	-	rt
				Xantholinus sp.	1	-	u
				Aphodius sp.	1	-	ob-rf
				Phyllopertha horticola	1	-	oa-p
*Cristatella mucedo (statoblast)	1	-	u	Anobium punctatum	1	-	l-sf
				Ptinus sp.	1	-	rd-sf
				Ephistemus globulus	1	-	rd-sf
Context: 1232 Sample: 205/T ReM: S Weight: 3.00 E: 0.00 F: 0.00				Curculionidae sp. A	1	-	oa
				Curculionidae sp. B	1	-	oa
				Curculionidae sp. C	1	-	oa
*Oligochaeta sp. (egg capsule)	1	-	u	*Diptera sp. (puparium)	2	-	u
				*Acarina sp.	1	-	u

Context: 1387 Sample: 295/T ReM: S Weight: 3.00 E: 0.00 F: 0.00				Bembidion guttula or mannerheimi	1	-	oa
				Pterostichus cupreus	1	-	oa
				Amara ?equestris	1	-	oa
null	0	-	u	Metabletus foveatus	1	-	oa
				Hydroporinae sp.	1	-	oa-w
Context: 1390 Sample: 247/T ReM: S Weight: 3.00 E: 0.00 F: 0.00				Helophorus ?nubilus	1	-	oa
				Helophorus sp.	1	-	oa-w
				Cercyon sp.	1	-	u
*Oligochaeta sp. (egg capsule)	15	m	u	Histerinae sp.	1	-	rt
				Ptenidium sp.	1	-	rt
				Ptiliidae sp.	1	-	u
Context: 1413 Sample: 305/T ReM: S Weight: 3.00 E: 0.00 F: 0.00				Leioididae sp.	1	-	u
				Scydmaenidae sp. A	1	-	u
				Scydmaenidae sp. B	1	-	u
Anotylus tetracarinus	1	-	rt	Micropeplus sp.	1	-	rt
Coleoptera sp.	1	-	u	Olophrum sp.	1	-	oa
*Cristatella mucedo (statoblast)	1	-	u	Carpelimus ?corticinus	1	-	oa-d
				Aploderus caelatus	1	-	rt
				Anotylus sculpturatus group	1	-	rt
Context: 1415 Sample: 289/BS ReM: S Weight: 0.00 E: 0.00 F: 0.00				Stenus sp. B	1	-	u
				Lathrobium sp.	1	-	u
				Paederinae sp.	1	-	u
Geotrupes sp.	1	-	oa-rf	Philonthus sp. C	1	-	u
Phyllopertha horticola	1	-	oa-p	Tachyporus sp.	1	-	u
Curculionidae sp.	1	-	oa	Falagria sp.	1	-	rt-sf
*Oligochaeta sp. (egg capsule)	4	-	u	Aleocharinae sp. A	1	-	u
*Diptera sp. (puparium)	1	-	u	Aleocharinae sp. B	1	-	u
				Aleocharinae sp. D	1	-	u
				Aleocharinae sp. F	1	-	u
				Aleocharinae sp. H	1	-	u
Context: 1415 Sample: 291/T ReM: D Weight: 1.00 E: 0.00 F: 0.00				Pselaphidae sp.	1	-	u
				Geotrupes sp.	1	-	oa-rf
Scolopostethus decoratus	8	-	oa-p-m	Onthophagus sp.	1	-	oa-rf
Ulopa reticulata	8	-	oa-p-m	Phyllopertha horticola	1	-	oa-p
Micrelus ericae	6	-	oa-p-m	Cyphon sp.	1	-	oa-d
Bradycellus ruficollis	5	-	oa-m	Byrrhus sp.	1	-	oa-p
Xantholinus linearis or longiventris	5	-	rt-sf	Prosternon tessellatum	1	-	oa
Corticaria sp.	5	-	rt	Agriotes sp.	1	-	oa-p
Neobisnius sp.	4	-	u	Elateridae sp.	1	-	ob
Philonthus sp. B	4	-	u	Anobium punctatum	1	-	l-sf
Corticaria sp. B	4	-	rt-sf	Lyctus linearis	1	-	l-sf
Phyllotreta nemorum group	4	-	oa-p	Cryptophagus sp.	1	-	rd-sf
Strophosomus sus	4	-	oa-p-m	Orthoperus sp. B	1	-	rt
Bembidion dentellum	3	-	oa-d	Chilocorus bipustulatus	1	-	oa-p
Cercyon analis	3	-	rt-sf	Lathridius minutus group	1	-	rd-st
Carpelimus elongatulus	3	-	oa-d	?Enicmus sp.	1	-	rt-sf
Philonthus sp. A	3	-	u	Corticaria sp. C	1	-	rt-sf
Aleocharinae sp. E	3	-	u	Corticaria sp.	1	-	rt
Tipnus unicolor	3	-	rd-st	?Chrysolina sp.	1	-	oa-p
Ptinus fur	3	-	rd-sf	Altica sp.	1	-	oa-p
Atomaria sp.	3	-	rd	Halticinae sp. A	1	-	oa-p
Corticaria sp. A	3	-	rt-sf	Apion sp. A	1	-	oa-p
Longitarsus sp.	3	-	oa-p	Apion sp. B	1	-	oa-p
Halticinae sp. B	3	-	oa-p	Apion sp. C	1	-	oa-p
Trechus micros	2	-	u	Sitona sp. A	1	-	oa-p
Bradycellus sp.	2	-	oa	Sitona sp. B	1	-	oa-p
Hydrobius fuscipes	2	-	oa-w	Ceutorhynchus sp.	1	-	oa-p
Omalium excavatum	2	-	rt-sf	Ceuthorhynchinae sp. A	1	-	oa-p
Anotylus rugosus	2	-	rt	Ceuthorhynchinae sp. B	1	-	oa-p
Stenus sp. A	2	-	u	?Anthonomus sp.	1	-	oa-p
Aleocharinae sp. C	2	-	u	*Lepidosaphes ulmi	150	e	oa-p
Aleocharinae sp. G	2	-	u	*Acarina sp.	15	m	u
Aphodius sp.	2	-	ob-rf	*Copromyza sp. (puparium)	6	s	u
Rhizophagus sp.	2	-	u	*?Spelobia sp. (puparium)	1	-	u
Orthoperus sp. A	2	-	rt	*Ephydridae (puparium)	6	s	u
Hypera sp.	2	-	oa-p	*Diptera spp. indet. (puparium)	15	m	u
Cidnorhinus quadrimaculatus	2	-	oa-p	*Coleoptera sp. (larva)	6	s	u
Rhacognathus punctatus	1	-	oa-p-m	*Daphnia sp. (ephippium)	6	s	oa-w

*Chrysomelidae sp. (larva)	1	-	oa-p	*Formicidae sp.	1	-	u
*Aranae sp.	1	-	u	*Insecta sp. pupa	1	-	u
Context: 1415 Sample: 311/SPT ReM: S				Helophorus sp. B	1	-	oa-w
Weight: 0.50 E: 0.00 F: 0.00				Sphaeridium sp.	1	-	rf
Neobisnius sp.	1	-	u	Cercyon haemorrhoidalis	1	-	rf-sf
Anobium punctatum	1	-	l-sf	Ochthebius sp.	1	-	oa-w
*Acarina sp.	1	-	u	Ptenidium sp.	1	-	rt
				Ptiliidae sp.	1	-	u
				Catops sp.	1	-	u
				Megarthus sp.	1	-	rt
Context: 1418 Sample: 417/T ReM: S				?Olophrum sp.	1	-	oa
Weight: 3.00 E: 0.00 F: 0.00				Omalius rivulare	1	-	rt-sf
null	0	-	u	Xylodromus concinnus	1	-	rt-st
				Carpelimus bilineatus	1	-	rt-sf
				Aploderus caelatus	1	-	rt
				Platystethus cornutus group	1	-	oa-d
Context: 1432 Sample: 317/T ReM: D				Anotylus sculpturatus group	1	-	rt
Weight: 3.00 E: 0.00 F: 0.00				Stenus sp.	1	-	u
Anobium punctatum	17	-	l-sf	Lathrobium sp.	1	-	u
Corticaria sp. C	17	-	rt-sf	Lithocharis sp.	1	-	rt
Tipnus unicolor	15	-	rd-st	Philonthus sp.	1	-	u
Ptinus fur	12	-	rd-sf	Gabrius sp.	1	-	rt
Lathridius minutus group	12	-	rd-st	Quedius sp.	1	-	u
Cryptophagus sp.	7	-	rd-sf	Tachyporus sp. A	1	-	u
Mycetaea hirta	7	-	rd-ss	Tachyporus sp. B	1	-	u
Neobisnius villosulus	6	-	u	Aleocharinae sp. A	1	-	u
Rhinoncus pericarpus	6	-	oa-p	Aleocharinae sp. B	1	-	u
Anotylus rugosus	4	-	rt	Aleocharinae sp. C	1	-	u
Helophorus sp. A	3	-	oa-w	Aleocharinae sp. D	1	-	u
Carpelimus corticinus	3	-	oa-d	Aleocharinae sp. E	1	-	u
Carpelimus rivularis	3	-	ob-d	Aleocharinae sp. F	1	-	u
Oxytelus sculptus	3	-	rt-st	Staphylinidae sp.	1	-	u
Xantholinus linearis or longiventris	3	-	rt-sf	Geotrupes sp.	1	-	oa-rf
Ulopa reticulata	2	-	oa-p-m	Aphodius ?contaminatus	1	-	oa-rf
Anotylus nitidulus	2	-	rt-d	Aphodius rufipes	1	-	oa-rf
Aleocharinae sp. G	2	-	u	Aphodius sp. A	1	-	ob-rf
Aleocharinae sp. H	2	-	u	Aphodius sp. B	1	-	ob-rf
Aleocharinae sp. I	2	-	u	Phyllopertha horticola	1	-	oa-p
Xestobium rufovillosum	2	-	l-st	?Melolonthinae/Rutelinae/Cetoniae sp.	1	-	oa-p
Omosita discoidea	2	-	rt-sf	Cyphon sp.	1	-	oa-d
Cryptophagus scutellatus	2	-	rd-st	Esolus parallelepipedus	1	-	oa-w
Orthoperus sp.	2	-	rt	Oulimnius sp.	1	-	oa-w
Corticarina sp. A	2	-	rt	Athous haemorrhoidalis	1	-	oa-p
Phyllotreta sp.	2	-	oa-p	?Adrastus pallens	1	-	oa-p
Longitarsus sp. A	2	-	oa-p	Elateridae sp. A	1	-	ob
Longitarsus sp. B	2	-	oa-p	Elateridae sp. B	1	-	ob
Apion sp. A	2	-	oa-p	Malthodes sp.	1	-	ob
Coleoptera sp. B	2	-	u	?Dermestes sp.	1	-	rt-sf
Heterogaster urticae	1	-	oa-p	Attagenus pellio	1	-	rd-sf
Lycocoris campestris	1	-	rd-st	?Cleridae sp.	1	-	u
Auchenorhyncha sp. A	1	-	oa-p	Meligethes sp.	1	-	oa-p
Auchenorhyncha sp. B	1	-	oa-p	Atomaria sp.	1	-	rd
Loricera pilicornis	1	-	oa	Anommatus duodecimstriatus	1	-	rt-st
?Trechus sp.	1	-	ob	Enicmus sp.	1	-	rt-sf
Bembidion lampros	1	-	oa	Dienerella sp.	1	-	rd-sf
Bembidion (Philochthus) sp. A	1	-	oa	Corticaria sp. A	1	-	rt-sf
Bembidion (Philochthus) sp. B	1	-	oa	Corticaria sp. B	1	-	rt-sf
Pterostichus sp. A	1	-	ob	Corticaria sp. D	1	-	rt-sf
Pterostichus sp. B	1	-	ob	Corticarina sp. B	1	-	rt
?Calathus sp.	1	-	oa	Corticicara gibbosa	1	-	rt
Bradycellus ?ruficollis	1	-	oa-m	Tenebrio obscurus	1	-	rt-ss
Dromius linearis	1	-	oa	?Anaspis sp.	1	-	ob
Carabidae sp. A	1	-	ob	Stenocorus meridianus	1	-	l
Carabidae sp. B	1	-	ob	Bruchus sp.	1	-	u
Carabidae sp. C	1	-	ob	Gastrophysa viridula	1	-	oa-p
Hydroporinae sp.	1	-	oa-w	Hydrothassa ?marginella	1	-	oa-d-p
Dytiscidae sp.	1	-	oa-w	Chrysomelinae sp.	1	-	oa-p
Helophorus ?nubilus	1	-	oa	Phyllotreta nemorum group	1	-	oa-p
				Longitarsus sp. C	1	-	oa-p

Chaetocnema concinna	1	-	oa-p	Apion sp. C	1	-	oa-p
Halticinae sp.	1	-	oa-p	Apion sp. D	1	-	oa-p
Apion sp. B	1	-	oa-p	Strophosomus sus	1	-	oa-p-m
Sitona sp. A	1	-	oa-p	Corticarina sp.	4	-	rt
Sitona sp. B	1	-	oa-p	Limnebius sp. B	3	-	oa-w
Sitona sp. C	1	-	oa-p	Omalium rivulare	3	-	rt-sf
Sitophilus granarius	1	-	g-ss	Carpelimus elongatulus	3	-	oa-d
Ceuthorhynchinae sp.	1	-	oa-p	Tachyporus sp. A	3	-	u
Curculionidae sp.	1	-	oa	Aleocharinae sp. F	3	-	u
Coleoptera sp. A	1	-	u	Cyphon sp.	3	-	oa-d
Coleoptera sp. C	1	-	u	Elateridae sp. C	3	-	ob
Coleoptera sp. D	1	-	u	Cryptophagus sp. B	3	-	rd-sf
Coleoptera sp. E	1	-	u	Phyllobius oblongus	3	-	oa-p
*Lepidosaphes ulmi	40	e	oa-p	Sitona sp. C	3	-	oa-p
*Acarina sp.	15	m	u	Anthocoris sp.	2	-	oa-p
*Heleomyzidae (puparium)	1	-	u	Harpalus rufipes	2	-	oa
*Limosininae (puparium)	1	-	u	Hydroporinae sp. A	2	-	oa-w
*Melanagromyza sp. (puparium)	1	-	u	Agabus bipustulatus	2	-	oa-w
*Scathophaga sp. (puparium)	2	-	u	Cercyon haemorrhoidalis	2	-	rf-sf
*Diptera spp. indet. (puparium)	15	m	u	Hydrophilinae sp. A	2	-	oa-w
*Formicidae sp.	6	s	u	Limnebius sp. A	2	-	oa-w
*Insecta sp. pupa	6	s	u	Anotylus nitidulus	2	-	rt-d
*Pulex irritans	2	-	ss	Anotylus rugosus	2	-	rt
*Daphnia sp. (ephippium)	2	-	oa-w	Anotylus tetracarينات	2	-	rt
*Coleoptera sp. (larva)	1	-	u	Xantholinus longiventris	2	-	rt-sf
*Aranae sp.	1	-	u	Neobisnius sp.	2	-	u
*Formicidae sp.	1	-	u	Falagria ?caesa	2	-	rt-st
				Aleocharinae sp. D	2	-	u
Context: 1432 Sample: 318/BS ReM: S				Esolus parallelepipedus	2	-	oa-w
Weight: 0.00 E: 0.00 F: 0.00				Elateridae sp. A	2	-	ob
				Anthrenus sp.	2	-	rt-sf
Amara sp.	1	-	oa	?Axinotarsus sp.	2	-	ob
Silpha atrata	1	-	u	Omosita discoidea	2	-	rt-sf
Silphidae sp.	1	-	u	Cryptophagus sp. A	2	-	rd-sf
Geotrupes sp.	1	-	oa-rf	Atomaria sp. D	2	-	rd
Hypera punctata	1	-	oa-p	Mycetaea hirta	2	-	rd-ss
*Sepsidae sp. (puparium)	1	-	u	Dienerella sp.	2	-	rd-sf
				Phyllotreta nemorum group	2	-	oa-p
Context: 1440 Sample: 313/T ReM: S				Phyllotreta sp. A	2	-	oa-p
Weight: 3.00 E: 0.00 F: 0.00				Phyllotreta sp. B	2	-	oa-p
				Longitarsus sp.	2	-	oa-p
*Oligochaeta sp. (egg capsule)	6	s	u	Apion (Oxystoma) sp.	2	-	oa-p
				Ceutorhynchus sp.	2	-	oa-p
Context: 1456 Sample: 446/T ReM: D				Sehirus ?luctuosus	1	-	oa-p
Weight: 3.00 E: 0.00 F: 0.00				Lyctocoris campestris	1	-	rd-st
				Cimicidae sp.	1	-	oa-p
Aphodius prodromus	291	-	ob-rf	Miridae sp.	1	-	oa-p
Carpelimus rivularis	47	-	ob-d	Corixidae sp.	1	-	oa-w
Carpelimus bilineatus	22	-	rt-sf	Philaenus sp.	1	-	oa-p
Geotrupes spiniger	15	m	oa-rf	Auchenorhyncha sp.	1	-	oa-p
Aleocharinae sp. L	13	-	u	Loricera pilicornis	1	-	oa
Tipnus unicolor	13	-	rd-st	Patrobus ?atorrufus	1	-	oa
Aleocharinae sp. M	11	-	u	Trechus micros	1	-	u
Helophorus sp. A	10	-	oa-w	Bembidion guttula	1	-	oa
Ochthebius minimus	9	-	oa-w	Pterostichus cupreus	1	-	oa
Hydraena testacea	9	-	oa-w	Pterostichus madidus	1	-	ob-st
Lathridius minutus group	8	-	rd-st	Pterostichus melanarius	1	-	ob
Bembidion dentellum	6	-	oa-d	?Pterostichus sp.	1	-	ob
Anotylus sculpturatus group	6	-	rt	?Calathus sp.	1	-	oa
Anobium punctatum	6	-	l-sf	Agonum sp.	1	-	oa
Corticaria sp. D	5	-	rt-sf	Amara sp.	1	-	oa
Apion (Protapion) nigritarse	5	-	oa-p	?Bradycellus sp.	1	-	oa
Ptiliidae sp.	4	-	u	Metabletus sp.	1	-	oa
Xylodromus concinnus	4	-	rt-st	Hydroporinae sp. B	1	-	oa-w
Anotylus complanatus	4	-	rt-sf	Hydroporinae sp. C	1	-	oa-w
Ptinus fur	4	-	rd-sf	Hydroporinae sp. D	1	-	oa-w
				Colymbetes fuscus	1	-	oa-w
				Helophorus aequalis	1	-	oa-w
				Helophorus ?grandis	1	-	oa-w

Helophorus nubilus	1	-	oa	Cercyon atricapillus	1	-	rf-st
Helophorus sp. B	1	-	oa-w	Megasternum obscurum	1	-	rt
Sphaeridium sp.	1	-	rf	Cryptopleurum minutum	1	-	rf-st
Cercyon analis	1	-	rt-sf	Hydrobius fuscipes	1	-	oa-w
Hydrophilinae sp. B	1	-	oa-w	Corticicera gibbosa	1	-	rt
Acritus nigricornis	1	-	rt-st	Aglenus brunneus	1	-	rt-ss
Ptenidium sp.	1	-	rt	Bruchinae sp.	1	-	u
Catops sp.	1	-	u	Chrysomelinae sp.	1	-	oa-p
Micropeplus sp.	1	-	rt	Chalcoides sp.	1	-	oa-p
Megarthus denticollis	1	-	rt-sf	Apion sp. A	1	-	oa-p
Lesteva longoelytrata	1	-	oa-d	Apion sp. B	1	-	oa-p
Phyllodrepa sp.	1	-	rt	Phyllobius or Polydrusus sp.	1	-	oa-p
Omalium caesum or italicum	1	-	rt-sf	Strophosomus faber	1	-	oa-p
Carpelimus fuliginosus	1	-	st	Strophosomus sus	1	-	oa-p-m
Carpelimus sp.	1	-	u	Tropiphorus obtusus	1	-	oa-p
?Thinobius sp.	1	-	u	Sitona sp. A	1	-	oa-p
Aploderus caelatus	1	-	rt	Sitona sp. B	1	-	oa-p
Platystethus cornutus group	1	-	oa-d	Tanysphyrus lemnae	1	-	oa-w-p
Platystethus nitens	1	-	oa-d	Sitophilus granarius	1	-	g-ss
Stenus sp. A	1	-	u	?Gymnetron sp.	1	-	oa-p
Stenus sp. B	1	-	u	Curculionidae sp.	1	-	oa
?Sunius melanocephalus	1	-	rt	Scolytus sp.	1	-	l
Gyrophypus ?punctulatus	1	-	rt-st	?Leperisinus sp.	1	-	l
Philonthus sp. A	1	-	u	*Acarina sp.	15	m	u
Philonthus sp. B	1	-	u	*Daphnia sp. (ephippium)	15	m	oa-w
Philonthus sp. C	1	-	u	*Leptoceridae	6	s	u
Quedius sp.	1	-	u	*Piophilidae	2	-	u
Staphylininae sp.	1	-	u	*Limnophila (Phylidorea) sp. (pupa)	1	-	
Mycetoporus sp.	1	-	u	u*Mayetiola sp.			
Tachyporus obtusus	1	-	u	(puparium)	1	-	u
Tachyporus sp. B	1	-	u	*Themira putris (puparium)	2	-	
Tachinus signatus	1	-	u		u*Philygria sp.		
Aleocharinae sp. A	1	-	u	(puparium)	1	-	
Aleocharinae sp. B	1	-	u		u*Scathophaga sp.		
Aleocharinae sp. C	1	-	u	(puparium)	2	-	u
Aleocharinae sp. E	1	-	u	*?Spilogona sp. (puparium)	1	-	u
Aleocharinae sp. G	1	-	u	*Zaphne sp. (puparium)	4	-	u
Aleocharinae sp. H	1	-	u	*Diptera sp. (adult)	15	m	u
Aleocharinae sp. I	1	-	u	*Formicidae sp.	15	m	u
Aleocharinae sp. J	1	-	u	*Insecta sp. pupa	15	m	u
Aleocharinae sp. K	1	-	u	*Dermaptera sp.	6	s	u
Geotrupes sp.	1	-	oa-rf	*Oligochaeta sp. (egg capsule)	6	s	u
Aphodius sp. A	1	-	ob-rf	*Aranae sp.	1	-	u
Aphodius sp. B	1	-	ob-rf	*Bibionidae sp.	1	-	u
Phyllopertha horticola	1	-	oa-p	*Trichoptera sp.	1	-	oa-w
Byrrhus sp.	1	-	oa-p				
Oulimnius sp.	1	-	oa-w				
Agrypnus murinus	1	-	oa-p	Context: 1456 Sample: 447/BS ReM: N			
Melanotus sp.	1	-	l	Weight: 31.00 E: 0.00 F: 0.00			
Elateridae sp. B	1	-	ob				
Cantharidae sp.	1	-	ob	Corixidae sp.	1	-	oa-w
?Dermestes sp.	1	-	rt-sf	Patrobus sp.	1	-	oa
?Attagenus pellio	1	-	rd-sf	Harpalus sp.	1	-	oa
Lyctus sp.	1	-	l	Hyphydrus ovatus	1	-	w
Meligethes sp.	1	-	oa-p	Agabus bipustulatus	1	-	oa-w
Rhizophagus sp.	1	-	u	Gyrinus sp.	1	-	oa-w
Cryptophagus scutellatus	1	-	rd-st	Helophorus sp.	1	-	oa-w
Atomaria nigripennis	1	-	rd-ss	Hydrobius fuscipes	1	-	oa-w
Atomaria sp. A	1	-	rd	Catops sp.	1	-	u
Atomaria sp. B	1	-	rd	Geotrupes sp.	1	-	oa-rf
Atomaria sp. C	1	-	rd	Aphodius equestris	1	-	oa-rf
Phalacrus sp.	1	-	oa-p	Cantharidae sp.	1	-	ob
Orthoperus sp. A	1	-	rt	Apion sp.	1	-	oa-p
Orthoperus sp. B	1	-	rt	Sitona sp.	1	-	oa-p
Adalia bipunctata	1	-	oa-p	Cleonus piger	1	-	oa-p
Coccinellidae sp.	1	-	oa-p	Leiosoma sp.	1	-	oa-p
Corticaria sp. A	1	-	rt-sf	Tanysphyrus lemnae	1	-	oa-w-p
Corticaria sp. B	1	-	rt-sf	*Bibionidae sp.	1	-	u
Corticaria sp. C	1	-	rt-sf	*Daphnia sp. (ephippium)	1	-	oa-w

*Formicidae sp.	1	-	u				
*Syrphidae sp. (larva)	1	-	u				
Context: 1475 Sample: 332/T ReM: S Weight: 3.00 E: 0.00 F: 0.00							
null	0	-	u				
Context: 1495 Sample: 567/T ReM: S Weight: 5.00 E: 0.00 F: 0.00							
null	0	-	u				
Context: 1505 Sample: 350/T ReM: S Weight: 3.00 E: 0.00 F: 0.00							
*Cristatella mucedo (statoblast)	6	s	u				
Context: 1571 Sample: 365/T ReM: S Weight: 3.00 E: 0.00 F: 0.00							
null	0	-	u				
Context: 1586 Sample: 380/T ReM: S Weight: 3.00 E: 0.00 F: 0.00							
Coleoptera sp.	1	-	u				
Context: 1590 Sample: 386/T ReM: S Weight: 3.00 E: 0.00 F: 0.00							
null	0	-	u				
Context: 1595 Sample: 387/T ReM: S Weight: 3.00 E: 0.00 F: 0.00							
null	0	-	u				
Context: 1598 Sample: 389/T ReM: S Weight: 3.00 E: 0.00 F: 0.00							
Esolus parallelepipedus	2	-	oa-w				
Trechus sp.	1	-	ob				
Carabidae sp.	1	-	ob				
Potamonectes depressus elegans	1	-	oa-w				
Cercyon sp.	1	-	u				
Hydraena sp.	1	-	oa-w				
?Sepedophilus sp.	1	-	u				
Drusilla canaliculata	1	-	u				
Aphodius sp.	1	-	ob-rf				
Limnius sp.	1	-	oa-w				
?Normandia nitens	1	-	oa-w				
Anobium punctatum	1	-	l-sf				
Lathridius minutus group	1	-	rd-st				
?Dorytomus sp.	1	-	oa-p				
Ceuthorhynchinae sp.	1	-	oa-p				
Coleoptera sp.	1	-	u				
Context: 1599 Sample: 409/T ReM: S							
Context: 1613 Sample: 444/T ReM: S Weight: 3.00 E: 0.00 F: 0.00							
*Cristatella mucedo (statoblast)	6	s	u				
Context: 1614 Sample: 394/T ReM: S Weight: 3.00 E: 0.00 F: 0.00							
Staphylinidae sp.	1	-	u				
*Daphnia sp. (ephippium)	1	-	oa-w				
*Diptera sp. (puparium)	1	-	u				
Context: 1615 Sample: 392/T ReM: S Weight: 1.00 E: 0.00 F: 0.00							
null	0	-	u				
Context: 1650 Sample: 428/T ReM: S Weight: 3.00 E: 0.00 F: 0.00							
null	0	-	u				
Context: 1700 Sample: 404/T ReM: S Weight: 3.00 E: 0.00 F: 0.00							
*?Insecta sp.	1	-	u				
Context: 1744 Sample: 408/T ReM: S Weight: 3.00 E: 0.00 F: 0.00							
null	0	-	u				
Context: 1758 Sample: 401/T ReM: S Weight: 3.00 E: 0.00 F: 0.00							
null	0	-	u				
Context: 1773 Sample: 420/T ReM: S Weight: 3.00 E: 0.00 F: 0.00							
null	0	-	u				
Context: 1774 Sample: 423/T ReM: S Weight: 3.00 E: 0.00 F: 0.00							

0 - u	0 - u
Context: 1798 Sample: 440/T ReM: S Weight: 3.00 E: 0.00 F: 0.00	Context: 1904 Sample: 443/T ReM: S Weight: 1.00 E: 0.00 F: 0.00
*Oligochaeta sp. (egg capsule) 1 - u	*Daphnia sp. (ephippium) 1 - oa-w
Context: 1801 Sample: 411/T ReM: S Weight: 3.00 E: 0.00 F: 0.00 Context: 1919 Sample: 460/T ReM: S Weight: 3.00 E: 0.00 F: 0.00	Context: 2164 Sample: 591/T ReM: S Weight: 3.00 E: 0.00 F: 0.00
0 - u	*Cristatella mucedo (statoblast) 6 s u
Context: 1930 Sample: 494/T ReM: S Weight: 3.00 E: 0.00 F: 0.00	Context: 2177 Sample: 602/T ReM: S Weight: 3.00 E: 0.00 F: 0.00
0 - u	Notiophilus sp. 1 - oa Curculionidae sp. 1 - oa
Context: 1961 Sample: 486/T ReM: S Weight: 3.00 E: 0.00 F: 0.00	Context: 2180 Sample: 600/T ReM: S Weight: 3.00 E: 0.00 F: 0.00
0 - u	0 - u
Context: 2083 Sample: 557/T ReM: S Weight: 3.00 E: 0.00 F: 0.00	Context: 2214 Sample: 635/T ReM: S Weight: 3.00 E: 0.00 F: 0.00
0 - u	0 - u
Context: 2092 Sample: 575/T ReM: S Weight: 4.00 E: 0.00 F: 0.00	Context: 2245 Sample: 639/T ReM: S Weight: 1.00 E: 0.00 F: 0.00
Anotylus tetracarınatus 1 - rt Aleocharinae sp. 1 - u *Aranae sp. 1 - u *Diptera sp. (adult) 1 - u *Formicidae sp. 1 - u	0 - u
Context: 2112 Sample: 587/T ReM: S Weight: 3.00 E: 0.00 F: 0.00	Context: 2253 Sample: 647/T ReM: S Weight: 3.00 E: 0.00 F: 0.00
0 - u	0 - u
Context: 2130 Sample: 549/T ReM: S Weight: 3.00 E: 0.00 F: 0.00	Context: 2369 Sample: 672/T ReM: S Weight: 3.00 E: 0.00 F: 0.00
0 - u	0 - u
Context: 2145 Sample: 561/T ReM: S Weight: 3.00 E: 0.00 F: 0.00	Context: 2397 Sample: 680/T ReM: D Weight: 1.00 E: 0.00 F: 0.00
0 - u	Lathridius minutus group 5 - rd-st Corticaria sp. A 4 - rt-sf Cercyon analis 3 - rt-sf Trechus micros 2 - u Pterostichus melanarius 2 - ob Catops sp. 2 - u Xylodromus concinnus 2 - rt-st Philonthus sp. 2 - u Aleocharinae sp. E 2 - u Lyctus linearis 2 - l-sf Trechus obtusus or quadristriatus 1 - oa
Context: 2148 Sample: 569/T ReM: S Weight: 3.00 E: 0.00 F: 0.00	
0 - u	

?Pterostichus sp.	1	-	ob	Anobium punctatum	1	-	l-sf
Histerinae sp.	1	-	rt	Cryptophagus sp.	1	-	rd-sf
Ptenidium sp.	1	-	rt	Atomaria sp.	1	-	rd
Coprophilus striatulus	1	-	rt-st	Corticaria sp. B	1	-	rt-sf
Anotylus rugosus	1	-	rt	*Chironomus sp. (larva)	1	-	w
?Neobisnius sp.	1	-	u	*?Scatopse notata (puparium)	2	-	u
Philonthus or Gabrius sp.	1	-	u	*Thoracochoeta zosteræ	15	m	rf
Creophilus maxillosus	1	-	rt	*?Telomerina flavipes (puparium)	70	-	u
Quedius sp.	1	-	u	*Drosophila cf. funebris	1	-	u
Aleocharinae sp. A	1	-	u	*Diptera sp. (larva)	15	m	u
Aleocharinae sp. B	1	-	u	*Diptera sp. (pupa)	15	m	u
Aleocharinae sp. C	1	-	u	*Diptera spp. indet. (puparium)	15	m	u
Aleocharinae sp. D	1	-	u	*Coleoptera sp. (larva)	6	s	u
*Acarina sp.	6	s	u	Carabidae sp.	1	-	ob
*?Heterodera sp. (cyst)	1	-	u	Platambus maculatus	1	-	w
*Araneae sp.	1	-	u	Hygrotus inaequalis	1	-	oa-w
				Helophorus sp.	1	-	oa-w
				Hydrobius fuscipes	1	-	oa-w
				Hydrophilidae sp.	1	-	u
Context: 2425 Sample: 683/T ReM: S				Lesteva longoelytrata	1	-	oa-d
Weight: 3.00 E: 0.00 F: 0.00				Rugilus ?orbiculatus	1	-	rt-sf
				Aleocharinae sp.	1	-	u
*Acarina sp.	1	-	u	Zoroehrus minimus	1	-	oa-d
				Elateridae sp.	1	-	ob
Context: 2435 Sample: 691/T ReM: S				Phalacrus sp.	1	-	oa-p
Weight: 3.00 E: 0.00 F: 0.00				?Scolytidae sp.	1	-	l
				*Diptera sp. (adult)	6	s	u
Catops sp.	3	-	u	*Dermaptera sp.	2	-	u
Omalium rivulare	1	-	rt-sf	*Diptera sp. (pupa)	2	-	u
Anobium punctatum	1	-	l-sf	*Diptera sp. (puparium)	2	-	u
Curculionidae sp.	1	-	oa	*Sphaeroceridae sp. (puparium)	1	-	rt
Context: 2467 Sample: 705/T ReM: S				Context: 2647 Sample: 770/T ReM: S			
Weight: 3.00 E: 0.00 F: 0.00				Weight: 3.00 E: 0.00 F: 0.00			
*Acarina sp.	1	-	u	Esolus parallelepipedus	2	-	oa-w
				Pterostichus minor	1	-	oa
Context: 2555 Sample: 735/T ReM: S				Aphodius sp.	1	-	ob-rf
Weight: 3.00 E: 0.00 F: 0.00				?Normandia nitens	1	-	oa-w
				Elateridae sp.	1	-	ob
null	0	-	u	Anobium punctatum	1	-	l-sf
				Curculionidae sp. A	1	-	oa
Context: 2569 Sample: 795/T ReM: S				Curculionidae sp. B	1	-	oa
Weight: 3.00 E: 0.00 F: 0.00				Coleoptera sp.	1	-	u
				*?Heterodera sp. (cyst)	6	s	u
null	0	-	u	*Acarina sp.	1	-	u
Context: 2589 Sample: 748/T ReM: S				Context: 2706 Sample: 793/T ReM: S			
Weight: 3.00 E: 0.00 F: 0.00				Weight: 3.00 E: 0.00 F: 0.00			
null	0	-	u	Aphodius sp.	1	-	ob-rf
				*Oligochaeta sp. (egg capsule)	6	s	u
Context: 2595 Sample: 752/T ReM: S				Context: 2709 Sample: 791/T ReM: S			
Weight: 3.00 E: 0.00 F: 0.00				Weight: 3.00 E: 0.00 F: 0.00			
null	0	-	u	*Araneae sp.	1	-	u
Context: 2642 Sample: 807/SPT ReM: S				Context: 2718 Sample: 809/T ReM: S			
Weight: 0.50 E: 0.00 F: 0.00				Weight: 3.00 E: 0.00 F: 0.00			
Gastrophysa viridula	2	-	oa-p	*Oligochaeta sp. (egg capsule)	2	-	u
Hemiptera sp.	1	-	u				
Harpalus affinis	1	-	oa	Context: 2779 Sample: 841/T ReM: S			
				Weight: 3.00 E: 0.00 F: 0.00			

Abax parallelepipedus	1	-	ob	Curculionidae sp. A	1	-	oa
Megasternum obscurum	1	-	rt	Curculionidae sp. B	1	-	oa
Hydrophilidae sp.	1	-	u	Curculionidae sp. C	1	-	oa
Omalinae sp. A	1	-	u	Curculionidae sp. D	1	-	oa
Omalinae sp. B	1	-	u	Coleoptera sp.	1	-	u
?Onthophagus sp.	1	-	oa-rf	*Cristatella mucedo (statoblast)	15	m	u
Phyllopertha horticola	1	-	oa-p	*Oligochaeta sp. (egg capsule)	15	m	u
?Melolonthinae/Rutelinae/Cetoninae sp.	1	-	oa-p				
?Cyphon sp.	1	-	oa-d	Context: 2851 Sample: 820/T ReM: S			
Trixagus sp.	1	-	u	Weight: 1.00 E: 0.00 F: 0.00			
Anobium punctatum	1	-	l-sf				
?Lema or Oulema sp.	1	-	oa-p	null	0	-	u
Chrysolina or Chrysomela sp.	1	-	oa-p				
Context: 2915 Sample: 830/BS ReM: S							
Weight: 27.00 E: 0.00 F: 0.00							
Pterostichus ?niger	1	-	oa				
*Muscidae sp. (puparium)	1	-	u				
Context: 3003 Sample: 843/T ReM: S							
Weight: 3.00 E: 0.00 F: 0.00							
Neobisnius sp.	1	-	u				
*Coleoptera sp. (larva)	1	-	u				
*?Heterodera sp. (cyst)	1	-	u				
Context: 3011 Sample: 846/T ReM: S							
Weight: 3.00 E: 0.00 F: 0.00							
Carpelimus sp.	3	-	u				
Anobium punctatum	2	-	l-sf				
Cercyon sp.	1	-	u				
?Hydrobius fuscipes	1	-	oa-w				
Platystethus sp.	1	-	oa-d				
Elateridae sp.	1	-	ob				
Ptinus sp.	1	-	rd-sf				
Cryptophagus sp.	1	-	rd-sf				
?Scolytidae sp.	1	-	l				
Coleoptera sp.	1	-	u				
*?Heterodera sp. (cyst)	15	m	u				
*Cristatella mucedo (statoblast)	15	m	u				
*Acarina sp.	1	-	u				
Context: 3012 Sample: 844/T ReM: S							
Weight: 3.00 E: 0.00 F: 0.00							
*?Heterodera sp. (cyst)	15	m	u				

Table 7. Main statistics for assemblages of adult beetles and bugs (excluding aphids and scale insects) from samples from North Bridge, Doncaster. Statistics are not given for assemblages with less than 10 individuals, although all assemblages contribute to the 'Site' statistics (last column). For explanation of abbreviations, see Table 8.

Context	1087	1378	1415	1432	1456	1598	2397	2779	3011	
Sample	123	254	291	317	446	389	680	841	846	Site
Ext	/T	/T	/T	/T	/T	/T	/T	/T	/T	
S	58	11	96	133	178	16	28	18	10	364
N	113	11	177	251	702	17	44	18	13	1428
ALPHA	48	0	86	115	77	0	34	0	0	158
SEALPHA	8	0	11	13	5	0	10	0	0	7
SOB	18	6	46	65	86	10	3	11	3	195
PSOB	31	55	48	49	48	63	11	61	30	54
NOB	21	6	88	81	497	11	4	11	3	772
PNOB	19	55	50	32	71	65	9	61	23	54
ALPHAOB	58	0	39	152	30	0	0	0	0	84
SEALPHAOB	34	0	7	41	2	0	0	0	0	5
SW	4	0	3	7	21	5	0	0	1	36
PSW	7	0	3	5	12	31	0	0	10	10
NW	4	0	4	9	53	6	0	0	1	91
PNW	4	0	2	4	8	35	0	0	8	6
ALPHAW	0	0	0	0	13	0	0	0	0	22
SEALPHAW	0	0	0	0	3	0	0	0	0	4
SD	2	0	4	6	8	0	0	1	1	14
PSD	3	0	4	5	4	0	0	6	10	4
ND	4	0	8	11	64	0	0	1	1	91
PND	4	0	5	4	9	0	0	6	8	6
ALPHAD	0	0	0	0	3	0	0	0	0	5
SEALPHAD	0	0	0	0	1	0	0	0	0	1
SP	5	1	26	29	34	2	0	4	0	78
PSP	9	9	27	22	19	13	0	22	0	21

Context	1087	1378	1415	1432	1456	1598	2397	2779	3011	
Sample	123	254	291	317	446	389	680	841	846	Site
NP	5	1	57	39	49	2	0	4	0	169
PNP	4	9	32	16	7	12	0	22	0	12
ALPHAP	0	0	19	51	50	0	0	0	0	56
SEALPHAP	0	0	4	18	15	0	0	0	0	7
SM	0	0	6	3	1	0	0	0	0	7
PSM	0	0	6	2	1	0	0	0	0	2
NM	0	0	32	4	1	0	0	0	0	37
PNM	0	0	18	2	0	0	0	0	0	3
ALPHAM	0	0	2	0	0	0	0	0	0	3
SEALPHAM	0	0	1	0	0	0	0	0	0	1
SL	2	1	2	3	5	1	2	1	2	9
PSL	3	9	2	2	3	6	7	6	20	2
NL	12	1	2	20	10	1	3	1	3	57
PNL	11	9	1	8	1	6	7	6	23	4
ALPHAL	0	0	0	1	0	0	0	0	0	3
SEALPHAL	0	0	0	0	0	0	0	0	0	1
SRT	28	4	26	43	57	2	12	2	2	163
PSRT	48	36	27	32	32	13	43	11	20	45
NRT	68	4	51	119	438	2	22	2	2	718
PNRT	60	36	29	47	62	12	50	11	15	50
ALPHART	18	0	21	24	18	0	11	0	0	66
SEALPHART	4	0	5	4	2	0	4	0	0	4
SRD	7	2	5	10	15	1	3	0	2	45
PSRD	12	18	5	8	8	6	11	0	20	12
NRD	18	2	11	59	43	1	7	0	2	143
PNRD	16	18	6	24	6	6	16	0	15	10
ALPHARD	0	0	0	4	8	0	0	0	0	23
SEALPHARD	0	0	0	1	2	0	0	0	0	3

Context	1087	1378	1415	1432	1456	1598	2397	2779	3011	
Sample	123	254	291	317	446	389	680	841	846	Site
SRF	2	1	3	7	9	1	0	1	0	30
PSRF	3	9	3	5	5	6	0	6	0	8
NRF	7	1	4	7	314	1	0	1	0	341
PNRF	6	9	2	3	45	6	0	6	0	24
ALPHARF	0	0	0	0	2	0	0	0	0	8
SEALPHARF	0	0	0	0	0	0	0	0	0	1
SSA	16	3	14	27	37	2	9	1	3	58
PSSA	28	27	15	20	21	13	32	6	30	16
NSA	46	3	30	114	107	2	20	1	4	332
PNSA	41	27	17	45	15	12	45	6	31	23
ALPHASA	9	0	10	11	20	0	6	0	0	20
SEALPHASA	2	0	3	2	3	0	2	0	0	2
SSF	13	3	12	16	21	1	6	1	3	36
PSSF	22	27	13	12	12	6	21	6	30	10
NSF	35	3	26	68	67	1	12	1	4	222
PNSF	31	27	15	27	10	6	27	6	31	16
ALPHASF	8	0	9	7	11	0	0	0	0	12
SEALPHASF	2	0	3	1	2	0	0	0	0	1
SST	2	0	2	8	12	1	3	0	0	16
PSST	3	0	2	6	7	6	11	0	0	4
NST	10	0	4	37	35	1	8	0	0	95
PNST	9	0	2	15	5	6	18	0	0	7
ALPHAST	0	0	0	3	7	0	0	0	0	6
SEALPHAST	0	0	0	1	2	0	0	0	0	1
SSS	1	0	0	3	4	0	0	0	0	6
PSSS	2	0	0	2	2	0	0	0	0	2
NSS	1	0	0	9	5	0	0	0	0	15
PNSS	1	0	0	4	1	0	0	0	0	1
ALPHASS	0	0	0	0	0	0	0	0	0	0

Context	1087	1378	1415	1432	1456	1598	2397	2779	3011	
Sample	123	254	291	317	446	389	680	841	846	Site
SEALPHASS	0	0	0	0	0	0	0	0	0	0
SG	0	0	0	1	1	0	0	0	0	1
PSG	0	0	0	1	1	0	0	0	0	0
NG	0	0	0	1	1	0	0	0	0	2
PNG	0	0	0	0	0	0	0	0	0	0
ALPHAG	0	0	0	0	0	0	0	0	0	0
SEALPHAG	0	0	0	0	0	0	0	0	0	0

Table 8. Abbreviations for ecological codes and statistics used for interpretation of insect remains in text and tables. Lower case codes in parentheses are those assigned to taxa and used to calculate the group values (the codes in capitals). See Table 1 for codes assigned to taxa from North Bridge, Doncaster. Indivs - individuals (based on MNI); No - number.

No taxa	S	Percentage of indivs of grain pests	PNG
Estimated number of indivs (MNI)	N	No decomposer taxa (rt + rd + rf)	SRT
Index of diversity (α)	alpha	Percentage of RT taxa	PSRT
Standard error of alpha	SE alpha	No RT indivs	NRT
No 'certain' outdoor taxa (oa)	SOA	Percentage of RT indivs	PNRT
Percentage of 'certain' outdoor taxa	PSOA	Index of diversity of RT component	alpha RT
No 'certain' outdoor indivs	NOA	Standard error	SEalphaRT
Percentage of 'certain' outdoor indivs	PNOA	No 'dry' decomposer taxa (rd)	SRD
No OA and probable outdoor taxa (oa+ob)	SOB	Percentage of RD taxa	PSRD
Percentage of OB taxa	PSOB	No RD indivs	NRD
No OB indivs	NOB	Percentage of RD indivs	PNRD
Percentage OB indivs	PNOB	Index of diversity of the RD component	alphaRD
Index of diversity of the OB component	alphaOB	Standard error	SEalphaRD
Standard error	SEalphaOB	No 'foul' decomposer taxa (rf)	SRF
No aquatic taxa (w)	SW	Percentage of RF taxa	PSRF
Percentage of aquatic taxa	PSW	No RF indivs	NRF
No aquatic indivs	NW	Percentage of RF indivs	PNRF
Percentage of W indivs	PNW	Index of diversity of the RF component	alphaRF
Index of diversity of the W component	alphaW	Standard error	SEalphaRF
Standard error	SEalphaW	No synanthropic taxa (sf+st_ss)	SSA
No damp ground/waterside taxa (d)	SD	Percentage of synanthropic taxa	PSSA
Percentage D taxa	PSD	No synanthropic indivs	NSA
No damp D indivs	ND	Percentage of SA indivs	PNSA
Percentage of D indivs	PND	Index of diversity of SA component	ALPHASA
Index of diversity of the D component	alphaD	Standard error	SEALPHASA
Standard error	SEalphaD	No facultatively synanthropic indivs	SSF
No strongly plant-associated taxa (p)	SP	Percentage of SF taxa	PSSF
Percentage of P taxa	PSP	No SF indivs	NSF
No strongly P indivs	NP	Percentage of SF indivs	PNSF
Percentage of P indivs	PNP	Index of diversity of SF component	ALPHASF
Index of diversity of the P component	alphaP	Standard error	SEALPHASF
Standard error	SEalphaP	No typical synanthropic indivs	SST
No heathland/moorland taxa (m)	SM	Percentage of ST taxa	PSST
Percentage of M taxa	PSM	No ST indivs	NST
No M indivs	NM	Percentage of ST indivs	PNST
Percentage of M indivs	PNM	Index of diversity of ST component	ALPHAST
Index of diversity of the M component	alphaM	Standard error	SEALPHAST
Standard error	SEalphaM	No strongly synanthropic taxa	SSS
No wood-associated taxa (l)	SL	Percentage of SS taxa	PSSS
Percentage of L taxa	PSL	No SS indivs	NSS
No L indivs	NL	Percentage of SS indivs	PNSS
Percentage of L indivs	PNL	Index of diversity of SS component	ALPHASS
Index of diversity of the L component	alphaL	Standard error	SEALPHASS
Standard error	SEalphaL	No uncoded taxa (u)	SU
No indivs of grain pests (g)	NG	Percentage of uncoded indivs	PNU

Table 9. Mammal and bird remains from the hand-collected assemblage from North Bridge, Doncaster (numbers are numbers of identifiable fragments recorded for each period).

Species		14-15thC	16thC	16-17thC	17-18thC	18thC	Total
<i>Canis</i> f. domestic	dog	0	4	2	0	0	6
<i>Felis</i> f. domestic	cat	0	2	0	0	0	2
<i>Equus</i> f. domestic	horse	1	36	100	0	105	242
<i>Sus</i> f. domestic	pig	2	25	0	2	1	30
<i>Cervus elaphus</i> L.	red deer	0	4	0	0	0	4
<i>Bos</i> f. domestic	cattle	34	242	165	50	299	790
cf. <i>Capra</i> f. domestic	?goat	0	1	0	0	0	1
<i>Capra</i> f. domestic	goat	0	1	0	0	0	1
<i>Ovis</i> f. domestic	sheep	0	24	1	2	1	28
Caprovid	sheep/goat	7	307	30	3	15	362
<i>Sub-total</i>		<i>44</i>	<i>646</i>	<i>298</i>	<i>57</i>	<i>421</i>	<i>1466</i>
<i>Anser</i> sp.	goose	0	2	0	0	0	2
<i>Anas</i> sp.	duck	0	1	0	0	0	1
<i>Gallus</i> f. domestic	chicken	0	2	0	0	0	2
cf. <i>Gallus</i> f. domestic	?chicken	0	1	0	0	0	1
cf. <i>Milvus milvus</i>	?red kite	0	2	0	0	0	2
cf. <i>Strix aluco</i>	?tawny owl	0	1	0	0	0	1
<i>Sub-total</i>		<i>0</i>	<i>9</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>9</i>
Total		44	655	298	57	421	1475

Table 10. Fish species recovered from the samples from North Bridge, Doncaster.

Species		?Anglo-Saxon	12thC	13thC	13-14th C	14-15th C	15-16th C	18thC	Total
Rajidae	ray	0	0	0	1	0	1	0	2
<i>Clupea harengus</i>	herring	0	2	166	188	4	39	0	399
Clupeidae	clupeid	0	0	1	0	0	0	0	1
cf. <i>Salmo salar</i>	?salmon	0	0	0	0	0	0	1	1
Salmonidae	salmonid	0	0	2	0	0	0	0	2
<i>Esox lucius</i>	pike	0	0	2	6	0	0	5	13
cf. <i>Esox lucius</i>	?pike	0	0	0	1	1	1	0	3
cf. <i>Abramis brama</i>	?bream	0	0	102	0	0	0	33	135
cf. <i>Scardinius erythrophthalmus</i>	?rudd	0	0	1	0	0	0	0	1
cf. <i>Rutilus rutilus</i>	?roach	0	0	2	0	0	3	0	5
cf. <i>Leuciscus cephalus</i>	?chub	0	0	1	1	0	0	0	2
Cyprinidae	Cyprinid family	0	1	9	10	0	0	0	20
<i>Anguilla anguilla</i>	eel	0	4	96	90	1	47	0	238
cf. <i>Gadus morhua</i>	?cod	0	1	0	0	0	0	0	1
<i>Melanogrammus aeglefinus</i>	haddock	0	0	1	2	0	0	0	3
cf. <i>M. aeglefinus</i>	?haddock	0	0	2	0	0	0	0	2
Gadidae	cod family	2	0	31	23	3	0	0	59
<i>Perca fluviatilis</i>	perch	0	0	9	0	0	16	19	44
cf. <i>Perca fluviatilis</i>	?perch	0	1	0	5	0	0	0	6
cf. <i>Labrus bergylta</i>	?ballan wrasse	0	0	6	0	0	0	0	6
Pleuronectidae	flatfish family	0	0	1	2	0	0	0	3
cf. Pleuronectidae	?flatfish family	0	0	5	2	0	0	0	7
Total		2	9	437	331	9	107	58	953

Table 11. Mammal, bird and amphibian remains recovered from the samples from North Bridge, Doncaster.

Species		12thC	13thC	13-14thC	14-15thC	16thC	18thC	Total
<i>Sorex araneus</i> L.	common shrew	0	1	0	0	0	0	1
<i>Microtus agrestis</i> (L.)	field vole	0	1	0	0	0	0	1
cf. <i>Apodemus sylvaticus</i> (L.)	?woodmouse	0	0	0	0	0	1	1
<i>Apodemus</i> spp.	wood/yellow necked mouse	0	0	3	0	0	0	3
Arvicolinae/Murinae	vole/mouse	0	0	0	1	0	0	1
<i>Equus</i> f. domestic	horse	0	0	0	0	4	2	6
<i>Sus</i> f. domestic	pig	0	8	1	2	0	0	11
<i>Bos</i> f. domestic	cattle	0	4	3	4	5	0	16
<i>Ovis</i> f. domestic	sheep	0	0	1	0	0	0	1
Caprovid	sheep/goat	1	5	1	1	6	1	15
<i>Sub-total</i>		1	19	9	9	15	4	57
<i>Anser</i> sp.	goose	0	2	1	0	0	0	3
<i>Anas</i> cf. <i>platyrhynchos</i>	?mallard	0	0	0	0	1	0	1
<i>Anas</i> sp.	duck	0	1	0	0	0	0	1
<i>Gallus</i> f. domestic	chicken	0	4	8	0	0	0	12
cf. <i>Gallus</i> f. domestic	?chicken	0	1	0	0	0	0	1
Turdidae	thrush family	0	0	3	0	0	0	3
<i>Sub-total</i>		0	8	12	0	1	0	21
Amphibian indet.		0	3	237	0	1	1	242
<i>Sub-total</i>		0	3	237	0	1	1	242
Total		1	30	258	9	17	5	320

Table 12. Numbers and frequencies of main domesticates from North Bridge, Doncaster, using MNI (minimum number of individuals) counts by period.

Species	14-15thC	16thC	16-17thC	17-18thC	18thC
Cattle	5 62.5%	15 20%	83 85%	17 90%	148 90%
Caprovid	1 12.5%	55 72%	7 7%	1 5%	4 2%
Pig	1 12.5%	3 4%	0 0	1 5%	1 1%
Horse	1 12.5%	3 4%	8 8%	0 0	11 7%
Total	8	76	98	19	164

Table 13. Fragment count and frequency of main domesticates from North Bridge, Doncaster, by period.

Species	14-15thC	16thC	16-17thC	17-18thC	18thC
Cattle	34 77%	242 38%	165 56%	50 88%	299 71%
Caprovid	7 16%	333 52%	31 10%	5 9%	16 4%
Pig	2 5%	25 4%	0 0	2 3%	1 0.20%
Horse	1 2%	36 6%	100 34%	0 0	105 25%
Total	44	636	296	57	421

Table 14. General age categories for cattle mandibles from late medieval and post-medieval levels at North Bridge, Doncaster.

Category	14-15thC	16thC	17-18thC	18thC	Total
Juvenile	0	1	3	0	4
Adult 2	0	1	0	0	1
Adult 3	0	2	0	0	2
<i>Total Adult</i>	<i>0</i>	<i>3</i>	<i>0</i>	<i>0</i>	<i>3</i>
Elderly	1	6	0	1	8
Total	1	10	3	1	15

Table 15. Cattle epiphyseal fusion data for material from 16th century levels at North Bridge, Doncaster.

Category	No. fused	No. unfused	% fused
Early	24	3	88
Intermediate	7	6	54
Late	8	6	57

Table 16. General age categories for cattle horncores for material from late medieval and post-medieval levels at North Bridge, Doncaster.

Date	16thC		16-17thC		17-18thC		18thC		Total
		%		%		%		%	
?Juvenile	0	0	0	0	0	0	1		1
Juvenile	1	4	13	8	0	0	38	15	52
?Sub-adult	0	0	5	3	1	3	12	5	18
Sub-adult	1	4	17	11	8	24	40	15	66
Adult	23	92	123	78	24	73	170	65	340
Total	25		158		33		261		477

Table 17. General age categories for caprovind mandibles for material from late medieval and

post-medieval levels at North Bridge, Doncaster.

Category	14-15thC	16thC	16-17thC	17-18thC	18thC	Total
Juvenile	0	2	0	0	0	2
Subadult	0	1	0	0	0	1
Adult 1	0	2	0	0	0	2
Adult 2	0	5	1	0	0	6
Adult 3	1	82	7	1	4	95
<i>Total Adult</i>	<i>1</i>	<i>89</i>	<i>8</i>	<i>1</i>	<i>4</i>	<i>103</i>
Total	1	92	8	1	4	106

Table 18. Caprovid age categories for mandibular teeth for material from late medieval and post-medieval levels at North Bridge, Doncaster.

Category	Age	14-15thC	16thC	16-17thC	17-18thC	18thC	Total
A	0-2 months	0	0	0	0	0	0
B	2-6 months	0	0	0	0	0	0
C	6-12 months	0	2	0	0	0	2
D	1-2 years	0	1	0	0	0	1
E	2-3 years	0	7	1	0	0	8
F	3-4 years	1	38	3	1	1	44
G	4-6 years	0	31	1	0	2	34
H	6-8 years	0	12	2	0	1	15
I	8-10 years	0	1	1	0	0	2
	Total	1	92	8	1	4	106

Table 19. Caprovid epiphyseal fusion data for material from late medieval and post-medieval levels at North Bridge, Doncaster.

Category	16thC % fused	16th-17thC % fused	17-18thC % fused	18thC % fused
Early	88	100	100	100
Intermediate 1	76	50	100	0
Intermediate 2	75	0	0	80
Late	50	0	100	100

Table 20. Statistical comparison of biometrical data for caprovid metacarpal proximal breadth (Bp) for material from late medieval and post-medieval levels at North Bridge,

Doncaster, and contemporaneous sites (data from O'Connor 1995).

Key: SD - standard deviation. Measurements in millimetres.

Site	Date	Mean	Min.	Max.	SD	No.
Bedern Foundry, York	L15thC	21.9	*	*	0.94	40
Bedern SW, York	L15-E16thC	22.5	*	*	1.23	25
Lincoln	PM1(E16thC)	24.2	19.5	26.9	1.73	42
1-5 Aldwark, York	E16thC	21.7	*	*	1.08	60
Doncaster	16thC	22.2	20.3	24.1	1.29	17
Doncaster	16-17thC	22.3	19.8	25.5	2.16	5
Lincoln	PM2 (M17thC)	23.2	21.1	25.6	1.33	16
Walmsgate, York	E18thC	22.4	*	*	1.32	50
Bedern SW, York	E19thC	25.2	*	*	1.39	28

*data not available

Table 21. Extrapolated mean withers heights (in mm) for caprovid material from late medieval and post-medieval levels at North Bridge, Doncaster, and contemporaneous sites (data from O'Connor 1995).

Site	Date	Withers
Hall Garth, Beverley	14-L15thC	580
Bedern Foundry, York	L15thC	576
Bedern SW, York	L15-E16thC	583
Lincoln	PM1(E16thC)	626
1-5 Aldwark, York	E16thC	560
Doncaster	16thC	574
Hall Garth, Beverley	16-17thC	574
Doncaster, North Bridge	17-18thC	563
Lincoln	PM2 (M17thC)	598
Walmsgate, York	E18thC	582
Bedern SW, York	E19thC	627
Hall Garth, Beverley	19-20thC	563

Table 22. Caprovid remains from Contexts 1068 and 1090 (Phase 9, Context Group 09.03.02), North Bridge, Doncaster.

Elements	1068	1090
	No. frags.	No. frags.
metacarpal	1	41
metatarsal	3	46
metapodial shaft fragments	0	62
phalanx 1	0	6
phalanx 2	0	4

Table 23. Extrapolated horse withers heights (in mm) for material from late medieval and post-medieval levels at North Bridge, Doncaster.

Date	Element	Measurement	Value	Withers height	Height in hands
16thC	femur	GL	371.0	1302.21	12.3
16thC	metacarpal	Ll	212.7	1363.41	13.2
16thC	radius	Ll	288.0	1249.92	12.2
16thC	radius	Ll	307.0	1332.38	13.1
16thC	metatarsal	Ll	264.5	1409.79	13.3
16thC	tibia	Ll	313.0	1364.68	13.2
16thC	metatarsal	Ll	250.1	1333.03	13.1
16-17thC	femur	GL	390.0	1368.90	13.2
16-17thC	humerus	GLl	305.0	1485.35	14.2
16-17thC	humerus	GLl	298.0	1451.26	14.1
16-17thC	metacarpal	Ll	228.1	1462.12	14.2
16-17thC	metacarpal	Ll	209.5	1342.90	13.1
16-17thC	metacarpal	Ll	201.4	1290.97	12.3
16-17thC	metatarsal	Ll	229.2	1221.64	12.0
16-17thC	metatarsal	Ll	226.8	1208.84	12.0
16-17thC	metatarsal	Ll	238.8	1272.80	12.2
16-17thC	metatarsal	Ll	246.2	1312.25	13.0
16-17thC	metatarsal	Ll	243.0	1295.19	12.3
16-17thC	metatarsal	Ll	249.9	1331.97	13.1
16-17thC	metatarsal	Ll	256.6	1367.68	13.2
16-17thC	metatarsal	Ll	257.2	1370.88	13.2
16-17thC	metatarsal	Ll	256.2	1365.55	13.2
16-17thC	metatarsal	Ll	275.4	1467.88	14.2

Date	Element	Measurement	Value	Withers height	Height in hands
16-17thC	tibia	Ll	308.0	1342.88	13.1
16-17thC	tibia	Ll	328.0	1430.08	14.0
16-17thC	tibia	Ll	339.0	1478.04	14.2
16-17thC	tibia	Ll	325.0	1417.00	14.0
16-17thC	tibia	Ll	339.0	1478.04	14.2
16-17thC	radius	Ll	307.0	1332.38	13.1
16-17thC	radius	Ll	306.0	1328.04	13.0
16-17thC	radius	Ll	309.0	1341.06	13.1
16-17thC	radius	Ll	330.0	1432.20	14.1
16-17thC	radius	Ll	333.0	1445.22	14.1
16-17thC	radius	Ll	324.0	1406.16	13.3
18thC	femur	GL	373.0	1309.23	12.3
18thC	femur	GL	400.0	1404.00	13.3
18thC	metacarpal	Ll	212.9	1364.69	13.2
18thC	metacarpal	Ll	229.4	1470.45	14.2
18thC	metacarpal	Ll	223.6	1433.28	14.1
18thC	tibia	Ll	320.0	1395.20	13.3
18thC	radius	Ll	315.0	1367.10	13.2
18thC	radius	Ll	318.0	1380.12	13.2
18thC	radius	Ll	315.0	1367.10	13.2
18thC	radius	Ll	320.0	1388.80	13.2
18thC	radius	Ll	321.0	1393.14	13.3
18thC	radius	Ll	327.0	1419.18	14.0
18thC	radius	Ll	349.0	1514.66	15.0

Table 24. Mean values for extrapolated horse withers heights (in mm) for material from late medieval and post-medieval levels at North Bridge, Doncaster.

Date	Mean value	Height in hands
16thC	1336.5	13
16-17thC	1372.1	13.2
18thC	1400.5	13.3

Table 25. Numbers of identified bone fragments for selected mammal taxa from selected contexts at North Bridge, Doncaster.

Species		1001	1082	1087	1089	1348	1378	1404	1415	1432	1436	1456	2642	Total
<i>Canis f. domestic</i>	dog	0	0	1	0	0	2	2	0	0	0	1	0	6
<i>Felis f. domestic</i>	cat	0	0	0	0	0	2	0	0	0	0	0	0	2
<i>Equus f. domestic</i>	horse	105	1	3	0	3	19	99	2	0	1	8	1	242
<i>Sus f. domestic</i>	pig	1	0	3	2	7	10	0	1	0	0	4	2	30
<i>Cervus elaphus</i>	red deer	0	0	1	0	0	0	0	0	0	0	3	0	4
<i>Bos f. domestic</i>	cattle	299	2	96	50	48	55	163	14	3	0	26	34	790
<i>Capra f. domestic</i>	goat	0	0	0	0	0	0	0	0	0	0	1	0	1
cf. <i>Capra</i>	f. ?goat	0	0	0	0	0	1	0	0	0	0	0	0	1
domestic														
<i>Ovis f. domestic</i>	sheep	1	0	8	2	10	3	1	1	0	0	2	0	28
Caprovid	sheep/goat	15	11	122	3	73	77	19	15	3	0	17	7	362
	t													
Total		421	14	234	57	141	169	284	33	6	1	62	44	1466

Table 26. Numbers of identified bird bone fragments from selected contexts at North Bridge, Doncaster.

Species		1087	1348	1378	1415	Total
<i>Anser sp.</i>	goose	2	0	0	0	2
<i>Anas sp.</i>	duck	0	0	0	1	1
<i>Gallus f. domestic</i>	chicken	1	0	1	0	2
cf. <i>Gallus f. domestic</i>	?chicken	0	1	0	0	1
cf. <i>Milvus milvus</i>	?red kite	2	0	0	0	2
cf. <i>Strix aluco</i>	?tawny owl	0	0	1	0	1
Total		5	1	2	1	9

Table 27. Cattle skeletal element counts for selected contexts at North Bridge, Doncaster.

Element	1001	1082	1087	1089	1348	1378	1404	1415	1432	1456	2642	Total
horncore	264	0	10	33	1	7	160	0	1	10	7	493
maxilla + teeth	0	0	9	0	3	1	0	1	0	0	2	16
mandible	3	2	32	3	12	1	0	2	1	2	7	65
isolated teeth	1	0	14	0	17	11	0	0	0	2	8	53
scapula	4	0	4	1	0	2	0	0	0	0	2	13
humerus	8	0	3	1	0	4	0	1	0	1	0	18
radius	2	0	2	0	2	3	0	1	0	1	0	11
ulna	1	0	3	0	1	2	0	1	0	3	0	11
metacarpal	1	0	0	2	1	6	0	1	0	1	1	13
pelvis	2	0	1	4	0	1	0	0	0	0	2	10

femur	5	0	4	3	0	1	0	0	0	1	3	17
tibia	4	0	3	1	0	1	0	1	0	0	1	11
calcaneum	2	0	1	1	0	2	1	0	0	1	1	9
metatarsal	1	0	3	0	4	5	1	0	0	3	0	17
metapodial	0	0	2	0	0	2	1	0	0	0	0	5
phalanx 1	0	0	3	0	3	3	0	1	1	1	0	12
phalanx 2	0	0	2	0	3	1	0	0	0	0	0	6
phalanx 3	0	0	0	0	1	2	0	0	0	0	0	3
carpal	0	0	0	0	0	0	0	5	0	0	0	5
cuboid -navicular	1	0	0	1	0	0	0	0	0	0	0	2
Total	299	2	96	50	48	55	163	14	3	26	34	790

Table 28. Caprovid skeletal element counts for selected contexts at North Bridge, Doncaster.

Element	1001	1082	1087	1089	1348	1378	1404	1415	1432	1456	2642	Total
horncore	0	0	1	0	1	0	2	0	0	1	0	5
maxilla + teeth	0	1	16	0	4	3	0	1	0	0	1	26
mandible	4	5	61	2	25	21	3	2	0	6	1	130
isolated teeth	0	0	12	0	10	4	3	2	2	2	1	36
scapula	0	0	11	1	1	1	1	0	0	1	0	16
humerus	1	0	3	0	1	2	1	0	0	0	0	8
radius	1	0	4	1	7	3	2	0	0	0	0	18
ulna	0	0	0	0	1	0	0	0	0	1	0	2
metacarpal	0	3	7	1	9	25	3	2	0	3	0	53
pelvis	0	0	5	0	2	1	0	0	1	1	2	12
femur	0	0	1	0	1	0	1	0	0	0	0	3
tibia	3	0	3	0	3	5	0	1	0	0	1	16
astragalus	0	0	1	0	0	0	0	0	0	0	0	1
calcaneum	0	0	0	0	1	0	0	0	0	0	0	1
metatarsal	7	2	5	0	17	15	4	2	0	5	1	58
metapodial	0	0	0	0	0	1	0	0	0	0	0	1
phalanx 1	0	0	0	0	0	0	0	4	0	0	0	4
phalanx 2	0	0	0	0	0	0	0	2	0	0	0	2
Total	16	11	130	5	83	81	20	16	3	20	7	392

Table 29. Horse skeletal element counts for selected contexts at North Bridge, Doncaster.

Element	1001	1082	1087	1348	1378	1404	1415	1436	1456	2642	Total
cranium	0	0	0	0	0	1	0	0	0	0	1
maxilla + teeth	0	0	0	0	0	2	0	0	0	0	2
mandible	2	0	0	0	1	2	0	0	0	0	5
isolated teeth	14	0	0	0	6	0	0	0	0	0	20
scapula	9	0	1	0	2	12	0	0	0	1	25
humerus	17	0	0	0	3	11	0	0	1	0	32
radius	12	0	0	1	1	9	0	0	0	0	23
ulna	3	0	0	2	1	1	0	0	0	0	7
metacarpal	3	0	0	0	0	3	0	1	0	0	7
pelvis	7	0	0	0	1	2	0	0	0	0	10
femur	10	0	0	0	0	13	1	0	0	0	24
tibia	7	0	0	0	0	13	0	0	1	0	21
astragalus	7	0	0	0	1	2	0	0	1	0	11
calcaneum	4	0	0	0	0	1	0	0	1	0	6
metatarsal	0	0	1	0	1	11	0	0	1	0	14
metapodial	1	0	0	0	1	4	1	0	0	0	7
phalanx 1	5	0	0	0	1	5	0	0	1	0	12
phalanx 2	1	0	0	0	0	1	0	0	1	0	3
phalanx 3	1	0	0	0	0	0	0	0	1	0	2
patella	1	0	1	0	0	0	0	0	0	0	2
carpals/tarsals	1	1	0	0	0	5	0	0	0	0	7
navicular	0	0	0	0	0	1	0	0	0	0	1
Total	105	1	3	3	19	99	2	1	8	1	242

Table 30. Pig skeletal element counts for selected contexts at North Bridge, Doncaster.

Element	1001	1087	1089	1348	1378	1415	1456	2642	Total
maxilla + teeth	0	0	0	1	0	0	2	0	3
mandible	1	1	0	2	1	0	0	1	6
isolated teeth	0	0	0	0	3	0	0	0	3
scapula	0	0	0	0	1	0	0	0	1
humerus	0	1	0	1	1	0	0	0	3
radius	0	0	0	1	0	1	0	0	2
pelvis	0	1	0	1	0	0	0	0	2
femur	0	0	1	0	0	0	1	0	2
tibia	0	0	1	1	2	0	1	1	6
calcaneum	0	0	0	0	1	0	0	0	1
metapodial	0	0	0	0	1	0	0	0	1
Total	1	3	2	7	10	1	4	2	30

Table 31. Counts of B'bones (see text, p. 4) and unidentified fragments for selected contexts at North Bridge, Doncaster.

*Key: *—fragment counts for cattle from Context 1001 do not include two boxes of cranium and horncore fragments which were only weighed.*

Category	1001	1082	1087	1089	1348	1378	1404	1415	1432	1436	1456	2642	Total
horse	9	0	0	0	0	0	13	0	0	0	0	0	22
cow	145*	0	48	6	23	39	438	14	0	0	37	0	750
sheep/goat	0	0	45	0	11	7	0	0	0	0	0	0	63
pig	1	0	3	0	1	0	0	0	0	0	3	1	9
bird	0	0	0	0	1	1	0	0	0	0	0	0	2
large mammal	137	4	158	18	107	79	60	9	10	7	38	37	664
medium mammal	0	6	46	1	49	37	2	1	1	2	18	18	181
unidentifiable	11	0	73	0	66	65	77	10	0	7	40	32	381
Total	303	10	373	25	258	228	590	34	11	16	136	88	2072

Table 32. Counts of 'B' bones (see text, p. 4) and unidentifiable categories, for selected contexts and bone types, from North Bridge, Doncaster.

Key: *—fragment counts for cattle from Context 1001 do not include two boxes of cranium and horncore fragments which were only weighed.

Category	Element	1001	1082	1087	1089	1348	1378	1404	1415	1432	1436	1456	2642	Total
horse	atlas	2	-	-	-	-	-	4	-	-	-	-	-	6
	axis	2	-	-	-	-	-	4	-	-	-	-	-	6
	cranium	5	-	-	-	-	-	5	-	-	-	-	-	10
cow	atlas	1	-	4	-	1	1	-	1	-	-	-	-	8
	axis	-	-	2	1	-	-	-	2	-	-	-	-	5
	horncore	85*	-	10	5	-	25	286	11	-	-	-	-	422
	cranium	59*	-	32	-	22	13	152	-	-	-	37	-	315
sheep/goat	axis	-	-	-	-	-	1	-	-	-	-	-	-	1
	cranium	-	-	45	-	11	6	-	-	-	-	-	-	62
pig	cranium	1	-	3	-	-	-	-	-	-	-	3	1	8
	maxilla + teeth	-	-	-	-	1	-	-	-	-	-	-	-	1
bird	shaft fragment	-	-	-	-	-	1	-	-	-	-	-	-	1
	unidentified	-	-	-	-	1	-	-	-	-	-	-	-	1
large mammal	cranium	-	2	-	1	-	-	-	9	2	3	-	1	18
	maxilla + teeth	-	-	-	-	-	-	-	-	-	-	4	-	4
	isolated upper teeth	-	-	-	-	-	-	-	-	-	-	3	-	3
	mandible	1	-	34	-	11	17	2	-	2	-	-	6	73
	scapula fragment	-	-	14	-	-	5	-	-	-	1	-	-	20
	pelvis fragment	-	-	3	-	-	3	4	-	-	-	3	-	13
	shaft fragment	16	1	22	5	42	15	5	-	6	-	11	11	134
	cervical vertebrae	10	-	-	-	3	-	9	-	-	-	-	-	22
	lumbar vertebrae	3	-	8	1	2	9	8	-	-	-	-	-	31
thoracic vertebrae	-	-	5	2	1	2	3	-	-	-	-	-	13	

Category	Element	1001	1082	1087	1089	1348	1378	1404	1415	1432	1436	1456	2642	Total
	sacrum	3	-	1	1	1	-	-	-	-	-	-	-	6
	caudal vertebrae	-	-	1	-	-	-	-	-	-	-	-	-	1
	vertebrae	9	-	0	0	4	6	7	-	-	3	7	6	42
	rib	95	1	70	8	43	22	22	-	-	-	10	13	284
medium mammal	cranium	-	2	-	-	-	-	-	1	1	2	6	10	22
medium mammal	maxilla + teeth	-	-	-	-	-	-	-	-	-	-	5	-	5
	isolated upper teeth	-	-	-	-	-	-	-	-	-	-	2	-	2
	mandible fragment	-	1	11	-	13	2	-	-	-	-	2	4	33
	hyoid	-	1	-	-	-	-	-	-	-	-	-	-	1
	pelvis fragment	-	-	-	-	-	-	-	-	-	-	1	-	1
	shaft fragment	-	2	5	1	25	22	1	-	-	-	2	4	62
	rib	-	-	30	-	11	13	1	-	-	-	-	-	55
unidentifiable	unidentifiable	11	-	73	-	66	65	77	10	-	7	40	32	381
Total		303	10	373	25	258	228	590	34	11	16	136	88	2072

Table 33. Weight (g) of identified bone fragments from North Bridge, Doncaster.

Species	1001	1082	1087	1089	1189	1348	1378	1404	1415	1432	1436	1456	2642	Total
cat	-	-	-	-	-	-	5.0	-	-	-	-	-	-	5.0
chicken	-	-	2.0	-	-	2.0	2.0	-	-	-	-	-	-	6.0
cow	58431.0	180.0	7046.0	10307.0	1207.2	1609.0	3017.0	34281.0	1098.0	313.7	-	3767.0	2853.8	124110.7
dog	-	-	10.0	-	-	-	14.0	97.0	-	-	-	11.0	-	132.0
duck	-	-	-	-	-	-	-	-	3.0	-	-	-	-	3.0
goose	-	-	3.5	-	-	-	-	-	-	-	-	-	-	3.5
horse	21121.0	14.0	535.0	-	-	338.0	2609.0	30942.0	503.0	-	211.0	3133.0	245.5	59651.5
pig	50.0	-	70.0	146.0	-	225.0	211.0	-	13.0	-	-	130.0	59.2	904.2
red deer	-	-	25.0	-	-	-	-	-	-	-	-	26.0	-	51.0
red kite	-	-	2.0	-	-	-	-	-	-	-	-	-	-	2.0
sheep/goat	376.0	297.0	3766.0	127.0	-	1518.0	1660.0	333.0	174.0	19.2	-	617.0	138.4	9025.6
tawny owl	-	-	-	-	-	-	1.0	-	-	-	-	-	-	1.0
Total	79978.0	491.0	11459.5	10580.0	1207.2	3692.0	7519.0	65653.0	1791.0	332.9	211.0	7684.0	3296.9	193895.5

Table 34. Weight (g) of unidentified bone fragments from North Bridge, Doncaster.

Category	1001	1082	1087	1089	1348	1378	1404	1415	1432	1436	1456	2642	Total
large mammal	4190.0	97.0	4715.0	791.0	2391.0	3141.0	3285.0	588.0	156.0	317.0	1958.0	843.0	22472.0
medium mammal	35.0	21.0	855.0	10.0	406.0	256.0	3.0	6.0	70.2	23.0	432.0	99.2	2216.4
unidentifiable bird	-	-	-	-	3.0	8.0	-	-	-	-	-	-	11.0
unidentifiable	-	-	395.0	-	150.0	184.0	226.0	14.0	-	3.5	159.0	23.5	1155.0
Total	4225.0	118.0	5965.0	801.0	2950.0	3589.0	3514.0	608.0	226.2	343.5	2549.0	965.7	25854.4

Table 35. Biometrical archive for cattle, caprovid and horse bones from North Bridge, Doncaster.

All measurements and measurement codes follow those outlined by von den Dreisch (1976), Davis (1992) and Dobney *et al.* (forthcoming).

Cattle

Date	Species	Element	Bone id.	41	42	43	BC
14-15thC	cow	horncore	1453	43.8	31.3	-	127.0
14-15thC	cow	horncore	1455	61.4	54.0	173.0	185.0
14-15thC	cow	horncore	1456	43.9	29.0	119.0	117.0
14-15thC	cow	horncore	1458	52.0	39.7	146.0	152.0
16thC	cow	horncore	1070	57.0	42.8	242.0	162.0
16thC	cow	horncore	1071	62.8	54.5	-	194.0
16thC	cow	horncore	1072	55.9	47.2	-	162.0
16thC	cow	horncore	1073	78.5	64.5	-	226.0
16thC	cow	horncore	1074	51.1	44.5	-	156.0
16thC	cow	horncore	1075	64.6	52.8	-	186.0
16thC	cow	horncore	1076	57.2	48.9	-	175.0
16thC	cow	horncore	1132	66.7	53.6	-	179.0
16thC	cow	horncore	1133	57.3	51.1	-	178.0
16thC	cow	horncore	1134	63.3	50.9	-	191.0
16thC	cow	horncore	1135	-	37.6	-	142.0
16thC	cow	horncore	1136	-	43.7	-	-
16thC	cow	horncore	1301	46.3	34.5	-	131.0
16thC	cow	horncore	1419	62.7	42.1	-	175.0
16thC	cow	horncore	1731	55.2	46.6	223.0	163.0
16thC	cow	horncore	1767	53.4	39.5	-	148.0
16thC	cow	horncore	1023	56.5	42.4	185.0	160.0
16thC	cow	horncore	1024	48.1	37.8	164.0	132.0
16thC	cow	horncore	1025	48.9	40.1	173.0	151.0
16thC	cow	horncore	1026	-	42.4	201.0	-
16thC	cow	horncore	1027	54.7	39.9	179.0	153.0
16thC	cow	horncore	1028	52.1	41.9	-	154.0
16thC	cow	horncore	1029	53.9	40.4	-	158.0
16thC	cow	horncore	1030	39.6	32.5	143.0	118.0
16thC	cow	horncore	1031	53.5	43.1	-	154.0
16thC	cow	horncore	1032	54.7	42.4	-	163.0
16-17thC	cow	horncore	195	55.6	41.5	230.0	157.0
16-17thC	cow	horncore	196	63.6	53.8	238.0	197.0
16-17thC	cow	horncore	197	61.5	45.3	-	176.0
16-17thC	cow	horncore	198	49.9	37.0	-	147.0
16-17thC	cow	horncore	199	52.3	46.3	250.0	160.0
16-17thC	cow	horncore	200	65.2	51.9	175.0	184.0

Date	Species	Element	Bone id.	41	42	43	BC
16-17thC	cow	horncore	201	65.5	62.0	230.0	199.0
16-17thC	cow	horncore	202	61.6	42.4	-	170.0
16-17thC	cow	horncore	203	45.5	38.0	151.0	141.0
16-17thC	cow	horncore	204	66.1	55.1	149.0	195.0
16-17thC	cow	horncore	205	53.1	38.0	-	155.0
16-17thC	cow	horncore	206	52.6	41.8	-	153.0
16-17thC	cow	horncore	207	54.5	42.5	-	160.0
16-17thC	cow	horncore	208	57.2	42.5	-	162.0
16-17thC	cow	horncore	209	53.5	42.0	181.0	155.0
16-17thC	cow	horncore	210	59.8	49.1	-	183.0
16-17thC	cow	horncore	211	48.2	38.4	-	143.0
16-17thC	cow	horncore	212	57.0	45.7	-	167.0
16-17thC	cow	horncore	213	64.8	57.5	-	199.0
16-17thC	cow	horncore	214	65.8	58.0	-	203.0
16-17thC	cow	horncore	215	60.6	48.3	-	179.0
16-17thC	cow	horncore	216	64.7	50.7	-	195.0
16-17thC	cow	horncore	217	60.6	47.2	-	175.0
16-17thC	cow	horncore	218	57.4	45.3	-	169.0
16-17thC	cow	horncore	219	47.4	42.5	-	147.0
16-17thC	cow	horncore	220	77.9	63.6	-	231.0
16-17thC	cow	horncore	221	54.0	48.0	-	168.0
16-17thC	cow	horncore	222	68.1	58.0	-	205.0
16-17thC	cow	horncore	223	46.5	36.0	185.0	139.0
16-17thC	cow	horncore	224	73.3	57.9	-	207.0
16-17thC	cow	horncore	225	76.0	58.0	-	219.0
16-17thC	cow	horncore	226	52.1	41.1	222.0	146.0
16-17thC	cow	horncore	227	61.6	49.4	-	172.0
16-17thC	cow	horncore	228	49.3	37.5	195.0	140.0
16-17thC	cow	horncore	229	71.5	59.5	400.0	215.0
16-17thC	cow	horncore	230	65.0	49.5	-	192.0
16-17thC	cow	horncore	231	52.3	35.9	188.0	149.0
16-17thC	cow	horncore	232	56.0	43.5	-	160.0
16-17thC	cow	horncore	233	58.5	46.7	-	172.0
16-17thC	cow	horncore	234	59.2	49.7	-	177.0
16-17thC	cow	horncore	235	67.2	60.1	-	204.0
16-17thC	cow	horncore	236	63.1	54.5	-	190.0
16-17thC	cow	horncore	237	60.3	47.0	-	180.0
16-17thC	cow	horncore	238	63.0	51.9	-	182.0
16-17thC	cow	horncore	240	53.3	36.7	-	150.0
16-17thC	cow	horncore	241	62.1	48.7	-	175.0
16-17thC	cow	horncore	242	56.9	49.9	-	173.0
16-17thC	cow	horncore	243	49.7	36.4	-	139.0
16-17thC	cow	horncore	244	55.4	43.8	-	160.0

Date	Species	Element	Bone id.	41	42	43	BC
16-17thC	cow	horncore	245	56.5	45.7	-	165.0
16-17thC	cow	horncore	247	55.7	42.3	-	165.0
16-17thC	cow	horncore	248	48.5	40.1	-	143.0
16-17thC	cow	horncore	249	54.5	45.7	-	156.0
16-17thC	cow	horncore	250	55.2	41.3	-	158.0
16-17thC	cow	horncore	252	43.6	35.7	155.0	132.0
16-17thC	cow	horncore	253	57.5	47.7	-	168.0
16-17thC	cow	horncore	254	45.8	38.1	-	137.0
16-17thC	cow	horncore	257	43.5	37.1	-	133.0
16-17thC	cow	horncore	259	59.2	50.6	-	181.0
16-17thC	cow	horncore	260	52.1	39.7	-	154.0
16-17thC	cow	horncore	261	66.1	50.8	-	191.0
16-17thC	cow	horncore	262	61.2	47.7	-	173.0
16-17thC	cow	horncore	263	54.4	42.4	-	156.0
16-17thC	cow	horncore	264	55.0	40.9	-	152.0
16-17thC	cow	horncore	265	51.6	38.4	-	147.0
16-17thC	cow	horncore	266	65.5	53.3	-	194.0
16-17thC	cow	horncore	267	49.9	44.5	-	150.0
16-17thC	cow	horncore	268	58.0	44.6	-	165.0
16-17thC	cow	horncore	269	50.5	45.7	-	159.0
16-17thC	cow	horncore	270	61.2	47.5	-	175.0
16-17thC	cow	horncore	271	58.5	45.1	-	171.0
16-17thC	cow	horncore	272	53.4	40.7	-	150.0
16-17thC	cow	horncore	273	58.7	44.1	-	167.0
16-17thC	cow	horncore	274	52.0	39.8	-	150.0
16-17thC	cow	horncore	275	50.1	39.3	-	148.0
16-17thC	cow	horncore	276	45.3	35.5	-	130.0
16-17thC	cow	horncore	277	52.6	44.5	-	160.0
16-17thC	cow	horncore	278	41.6	37.5	-	128.0
16-17thC	cow	horncore	280	42.6	34.3	-	124.0
16-17thC	cow	horncore	281	45.7	42.0	-	145.0
16-17thC	cow	horncore	283	48.6	41.2	-	153.0
16-17thC	cow	horncore	285	53.4	43.2	-	157.0
16-17thC	cow	horncore	286	60.1	46.2	-	174.0
16-17thC	cow	horncore	287	64.4	54.9	-	195.0
16-17thC	cow	horncore	288	43.6	40.3	-	139.0
16-17thC	cow	horncore	289	56.0	46.2	-	162.0
16-17thC	cow	horncore	290	50.8	45.1	-	161.0
16-17thC	cow	horncore	291	45.5	38.6	-	135.0
16-17thC	cow	horncore	293	49.3	39.0	-	147.0
16-17thC	cow	horncore	294	47.5	35.0	-	133.0
16-17thC	cow	horncore	295	49.5	38.5	-	140.0
16-17thC	cow	horncore	330	63.2	48.6	235.0	183.0

Date	Species	Element	Bone id.	41	42	43	BC
16-17thC	cow	horncore	331	66.8	58.5	230.0	203.0
16-17thC	cow	horncore	332	53.3	38.1	180.0	140.0
16-17thC	cow	horncore	333	54.4	48.5	232.0	164.0
16-17thC	cow	horncore	334	63.2	51.3	-	187.0
16-17thC	cow	horncore	335	63.1	51.3	-	187.0
16-17thC	cow	horncore	336	55.1	42.1	-	158.0
16-17thC	cow	horncore	337	52.8	44.6	235.0	167.0
16-17thC	cow	horncore	338	50.5	40.5	-	152.0
16-17thC	cow	horncore	339	49.9	34.7	-	137.0
16-17thC	cow	horncore	340	50.2	40.7	-	151.0
16-17thC	cow	horncore	341	52.0	39	-	151.0
16-17thC	cow	horncore	342	59.1	46.1	-	171.0
16-17thC	cow	horncore	343	44.0	36.5	-	134.0
16-17thC	cow	horncore	344	70.2	46.8	-	192.0
16-17thC	cow	horncore	345	62.0	41.4	-	170.0
16-17thC	cow	horncore	346	52.3	45.3	-	162.0
16-17thC	cow	horncore	347	46.0	36.9	-	139.0
16-17thC	cow	horncore	349	60.1	50.6	-	183.0
16-17thC	cow	horncore	350	54.9	45.5	-	172.0
16-17thC	cow	horncore	351	66.6	47.9	-	189.0
16-17thC	cow	horncore	352	51.4	38.2	-	-
16-17thC	cow	horncore	353	44.8	36.5	-	140.0
16-17thC	cow	horncore	354	41.9	38.5	-	130.0
16-17thC	cow	horncore	356	44.8	38.2	-	138.0
16-17thC	cow	horncore	357	50.4	38.2	-	145.0
16-17thC	cow	horncore	358	57.5	48.6	-	171.0
16-17thC	cow	horncore	360	67.5	48.7	-	192.0
16-17thC	cow	horncore	361	44.1	36.1	-	136.0
16-17thC	cow	horncore	362	44.8	33.4	-	129.0
16-17thC	cow	horncore	364	52.1	-	-	-
16-17thC	cow	horncore	365	44.5	39.6	-	140.0
16-17thC	cow	horncore	366	61.6	45.4	203.0	175.0
16-17thC	cow	horncore	367	45.5	35.2	-	137.0
16-17thC	cow	horncore	369	65.1	55.8	-	200.0
16-17thC	cow	horncore	371	51.3	47.1	-	161.0
16-17thC	cow	horncore	373	56.0	42.3	-	167.0
16-17thC	cow	horncore	376	70.2	-	-	-
16-17thC	cow	horncore	378	55.0	44.1	-	162.0
16-17thC	cow	horncore	380	70.9	63.5	-	-
17-18thC	cow	horncore	814	52.9	39.7	265.0	146.0
17-18thC	cow	horncore	815	63.0	54.9	249.0	193.0
17-18thC	cow	horncore	816	54.1	41.4	177.0	159.0
17-18thC	cow	horncore	817	46.8	40.6	222.0	145.0

Date	Species	Element	Bone id.	41	42	43	BC
17-18thC	cow	horncore	818	52.8	43.3	165.0	156.0
17-18thC	cow	horncore	819	61.8	46.0	331.0	180.0
17-18thC	cow	horncore	820	58.2	43.6	253.0	167.0
17-18thC	cow	horncore	822	55.6	41.8	-	152.0
17-18thC	cow	horncore	823	62.0	49.5	-	178.0
17-18thC	cow	horncore	824	48.1	35.6	-	140.0
17-18thC	cow	horncore	825	56.1	43.2	-	162.0
17-18thC	cow	horncore	827	47.0	37.1	125.0	134.0
17-18thC	cow	horncore	828	55.1	45.5	-	163.0
17-18thC	cow	horncore	829	48.3	40.9	240.0	147.0
17-18thC	cow	horncore	830	71.6	52.9	-	202.0
17-18thC	cow	horncore	831	54.7	44.7	267.0	157.0
17-18thC	cow	horncore	832	59.9	44.6	281.0	169.0
17-18thC	cow	horncore	833	55.9	41.1	235.0	157.0
17-18thC	cow	horncore	834	55.3	43.6	217.0	160.0
17-18thC	cow	horncore	835	50.1	39.8	205.0	141.0
17-18thC	cow	horncore	836	61.1	55.3	303.0	194.0
17-18thC	cow	horncore	837	68.3	57.0	308.0	197.0
17-18thC	cow	horncore	838	59.2	55.9	330.0	184.0
17-18thC	cow	horncore	839	64.5	48.2	355.0	185.0
17-18thC	cow	horncore	840	67.2	49.7	197.0	184.0
17-18thC	cow	horncore	841	51.2	39.7	-	145.0
17-18thC	cow	horncore	842	53.9	46.6	-	155.0
17-18thC	cow	horncore	843	42.9	36.3	-	130.0
17-18thC	cow	horncore	844	55.7	47.0	-	155.0
17-18thC	cow	horncore	845	56.1	47.0	-	161.0
17-18thC	cow	horncore	846	62.2	56.5	-	195.0
18thC	cow	horncore	451	56.0	44.5	-	168.0
18thC	cow	horncore	452	65.3	48.5	-	182.0
18thC	cow	horncore	453	60.5	51.1	-	177.0
18thC	cow	horncore	454	56.2	44.6	252.0	166.0
18thC	cow	horncore	455	42.2	34.2	185.0	124.0
18thC	cow	horncore	456	50.4	41.8	-	153.0
18thC	cow	horncore	457	55.7	45.1	-	166.0
18thC	cow	horncore	458	57.7	44.9	-	171.0
18thC	cow	horncore	460	53.1	48.8	-	167.0
18thC	cow	horncore	461	54.0	46.0	-	161.0
18thC	cow	horncore	463	55.7	48.3	277.0	165.0
18thC	cow	horncore	464	52.6	40.3	205.0	154.0
18thC	cow	horncore	465	50.1	43.0	201.0	152.0
18thC	cow	horncore	466	50.5	39.6	180.0	144.0
18thC	cow	horncore	467	69.0	52.5	-	195.0
18thC	cow	horncore	468	57.5	45.0	-	168.0

Date	Species	Element	Bone id.	41	42	43	BC
18thC	cow	horncore	470	53.5	45.5	-	160.0
18thC	cow	horncore	471	57.8	48.9	-	180.0
18thC	cow	horncore	472	62.7	53.0	-	191.0
18thC	cow	horncore	492	62.8	46.0	260.0	182.0
18thC	cow	horncore	493	55.1	42.5	-	160.0
18thC	cow	horncore	494	52.6	42.7	182.0	156.0
18thC	cow	horncore	495	48.9	40.0	-	145.0
18thC	cow	horncore	496	63.7	52.8	-	181.0
18thC	cow	horncore	497	58.9	46.3	-	171.0
18thC	cow	horncore	498	64.0	49.7	-	184.0
18thC	cow	horncore	499	60.8	46.5	-	169.0
18thC	cow	horncore	501	65.8	52.3	-	188.0
18thC	cow	horncore	502	56.3	42.2	265.0	163.0
18thC	cow	horncore	503	59.6	49.5	236.0	178.0
18thC	cow	horncore	504	52.7	41.9	205.0	156.0
18thC	cow	horncore	505	50.3	42.3	-	146.0
18thC	cow	horncore	506	50.1	38.5	-	137.0
18thC	cow	horncore	507	51.0	44.9	-	152.0
18thC	cow	horncore	508	51.4	42.0	-	150.0
18thC	cow	horncore	509	61.4	50.0	-	173.0
18thC	cow	horncore	510	55.0	44.8	-	160.0
18thC	cow	horncore	513	72.7	55.2	-	210.0
18thC	cow	horncore	517	48.7	41.0	-	144.0
18thC	cow	horncore	518	65.7	54.2	-	186.0
18thC	cow	horncore	519	-	38.2	-	-
18thC	cow	horncore	520	65.7	51.7	-	-
18thC	cow	horncore	522	60.8	51.7	-	-
18thC	cow	horncore	567	51.4	34.6	182.0	132.0
18thC	cow	horncore	568	59.5	45.2	212.0	174.0
18thC	cow	horncore	569	50.5	36.6	166.0	143.0
18thC	cow	horncore	570	66.3	51.5	-	190.0
18thC	cow	horncore	571	45.1	33.9	-	126.0
18thC	cow	horncore	572	52.6	41.3	-	152.0
18thC	cow	horncore	573	53.3	37.2	-	150.0
18thC	cow	horncore	574	54.0	42.2	-	159.0
18thC	cow	horncore	576	56.9	44.5	-	164.0
18thC	cow	horncore	577	42.5	31.0	-	119.0
18thC	cow	horncore	578	57.8	41.6	-	161.0
18thC	cow	horncore	579	53.9	46.8	-	166.0
18thC	cow	horncore	580	65.4	47.7	-	184.0
18thC	cow	horncore	581	62.7	48.7	-	184.0
18thC	cow	horncore	582	58.7	45.1	-	166.0
18thC	cow	horncore	583	67.8	43.4	-	185.0

Date	Species	Element	Bone id.	41	42	43	BC
18thC	cow	horncore	584	49.0	39.5	-	143.0
18thC	cow	horncore	585	73.8	50.1	-	170.0
18thC	cow	horncore	587	65.5	52.1	-	188.0
18thC	cow	horncore	588	53.1	41.8	-	149.0
18thC	cow	horncore	589	58.8	44.3	-	174.0
18thC	cow	horncore	590	55.1	44.1	-	160.0
18thC	cow	horncore	591	54.0	44.7	-	154.0
18thC	cow	horncore	592	54.4	43.3	225.0	163.0
18thC	cow	horncore	593	55.1	43.0	-	159.0
18thC	cow	horncore	594	49.3	43.2	-	149.0
18thC	cow	horncore	595	50.1	38.0	163.0	140.0
18thC	cow	horncore	597	-	49.0	-	-
18thC	cow	horncore	598	51.6	38.3	-	142.0
18thC	cow	horncore	599	65.1	51.2	-	187.0
18thC	cow	horncore	600	54.2	41.1	-	151.0
18thC	cow	horncore	601	51.5	46.2	-	157.0
18thC	cow	horncore	603	43.0	28.9	145.0	118.0
18thC	cow	horncore	604	54.6	45.0	-	164.0
18thC	cow	horncore	605	44.4	37.2	-	127.0
18thC	cow	horncore	606	58.5	44.7	-	169.0
18thC	cow	horncore	607	56.5	42.4	-	160.0
18thC	cow	horncore	609	79.1	64.1	-	218.0
18thC	cow	horncore	610	49.0	36.6	-	142.0
18thC	cow	horncore	611	45.1	43.5	-	143.0
18thC	cow	horncore	613	48.2	40.0	-	143.0
18thC	cow	horncore	614	56.7	48.7	-	165.0
18thC	cow	horncore	617	-	42.9	-	-
18thC	cow	horncore	623	53.2	44.5	-	165.0
18thC	cow	horncore	624	52.1	42.9	-	153.0
18thC	cow	horncore	626	72.1	54.3	-	200.0
18thC	cow	horncore	628	50.6	42.2	-	152.0
18thC	cow	horncore	629	48.8	39.0	-	143.0
18thC	cow	horncore	630	53.3	40.9	223.0	156.0
18thC	cow	horncore	631	45.7	36.0	-	131.0
18thC	cow	horncore	633	-	40.0	200.0	-
18thC	cow	horncore	634	54.1	44.7	-	157.0
18thC	cow	horncore	635	58.0	42.5	-	170.0
18thC	cow	horncore	636	49.2	44.1	-	153.0
18thC	cow	horncore	637	54.7	42.5	-	157.0
18thC	cow	horncore	639	49.3	44.9	-	152.0
18thC	cow	horncore	640	57.0	41.0	-	161.0
18thC	cow	horncore	641	61.2	50.4	-	180.0
18thC	cow	horncore	642	44.7	39.8	-	133.0

Date	Species	Element	Bone id.	41	42	43	BC
18thC	cow	horncore	643	54.6	45.3	-	160.0
18thC	cow	horncore	645	57.5	48.6	-	167.0
18thC	cow	horncore	647	53.3	43.5	-	160.0
18thC	cow	horncore	648	57.1	47.7	-	166.0
18thC	cow	horncore	649	58.8	50.4	-	177.0
18thC	cow	horncore	652	56.1	44.1	-	164.0
18thC	cow	horncore	654	50.9	37.1	-	140.0
18thC	cow	horncore	655	59.2	46.3	-	170.0
18thC	cow	horncore	656	61.2	51.7	-	180.0
18thC	cow	horncore	657	52.4	43.2	-	155.0
18thC	cow	horncore	658	60.2	42.8	-	165.0
18thC	cow	horncore	659	47.3	37.9	-	135.0
18thC	cow	horncore	660	48.0	36.1	-	135.0
18thC	cow	horncore	661	52.4	39.0	-	-
18thC	cow	horncore	662	61.6	42.7	-	166.0
18thC	cow	horncore	663	74.2	59.4	-	212.0
18thC	cow	horncore	664	52.0	34.1	-	142.0
18thC	cow	horncore	667	55.6	42.9	-	156.0
18thC	cow	horncore	668	60.0	45.6	-	175.0
18thC	cow	horncore	669	67.1	47.8	-	185.0
18thC	cow	horncore	672	64.0	49.2	-	188.0
18thC	cow	horncore	673	55.2	40.5	-	152.0
18thC	cow	horncore	674	59.5	52.5	-	180.0
18thC	cow	horncore	675	51.4	42.1	-	151.0
18thC	cow	horncore	676	55.0	44.1	-	160.0
18thC	cow	horncore	678	44.7	37.0	-	132.0
18thC	cow	horncore	679	61.1	47.4	-	175.0
18thC	cow	horncore	681	58.9	44.2	-	170.0
18thC	cow	horncore	682	51.0	41.5	-	148.0
18thC	cow	horncore	683	45.1	36.9	-	135.0
18thC	cow	horncore	684	58.5	50.2	-	180.0
18thC	cow	horncore	685	59.4	48.2	-	174.0
18thC	cow	horncore	686	46.5	32.3	-	125.0
18thC	cow	horncore	687	59.1	38.5	-	152.0
18thC	cow	horncore	688	49.1	41.6	-	150.0
18thC	cow	horncore	689	47.5	40.7	-	140.0
18thC	cow	horncore	692	80.7	66.7	-	230.0
18thC	cow	horncore	693	48.5	35.7	-	132.0
18thC	cow	horncore	694	55.6	48.4	-	163.0
18thC	cow	horncore	695	55.7	42.5	-	156.0
18thC	cow	horncore	696	51.9	39.8	-	150.0
18thC	cow	horncore	697	57.3	47.3	-	168.0
18thC	cow	horncore	698	52.1	38.8	-	150.0

Date	Species	Element	Bone id.	41	42	43	BC
18thC	cow	horncore	699	87.1	72.5	-	255.0
18thC	cow	horncore	700	56.2	41.6	-	155.0
18thC	cow	horncore	701	55.8	46.1	-	161.0
18thC	cow	horncore	703	52.1	37.4	-	147.0
18thC	cow	horncore	704	56.5	46.0	-	161.0
18thC	cow	horncore	705	45.0	35.3	-	129.0
18thC	cow	horncore	708	50.0	38.6	-	141.0
18thC	cow	horncore	710	52.0	44.8	-	151.0
18thC	cow	horncore	715	-	40.3	-	-
18thC	cow	horncore	717	53.2	39.8	-	155.0
18thC	cow	horncore	718	59.8	45.5	-	175.0
18thC	cow	horncore	719	56.9	42.8	-	160.0
18thC	cow	horncore	721	69.4	49.0	-	192.0
18thC	cow	horncore	722	60.7	46.7	-	175.0
18thC	cow	horncore	724	53.0	44.7	-	160.0
18thC	cow	horncore	725	50.3	44.2	-	151.0
18thC	cow	horncore	726	49.5	38.0	-	140.0
18thC	cow	horncore	727	56.2	51.1	-	165.0
18thC	cow	horncore	728	51.5	41.6	-	149.0
18thC	cow	horncore	729	56.2	47.1	-	164.0
18thC	cow	horncore	731	68.0	51.7	-	190.0
18thC	cow	horncore	785	63.6	45.0	-	169.0
18thC	cow	horncore	786	51.3	38.3	-	141.0
18thC	cow	horncore	787	55.5	47.4	-	169.0
18thC	cow	horncore	788	55.7	46.2	-	166.0
18thC	cow	horncore	790	60.5	44.7	-	166.0
18thC	cow	horncore	791	52.1	39.1	-	148.0
18thC	cow	horncore	792	43.5	35.5	-	130.0
18thC	cow	horncore	793	50.6	40.5	-	152.0
18thC	cow	horncore	795	49.2	40.6	-	151.0
18thC	cow	horncore	797	56.6	47.8	-	171.0
18thC	cow	horncore	798	40.5	34.3	-	121.0
18thC	cow	horncore	799	51.6	40.9	-	153.0
18thC	cow	horncore	800	46.0	39.5	-	140.0
18thC	cow	horncore	801	64.1	58.0	-	194.0
18thC	cow	horncore	802	37.0	30.5	-	110.0
18thC	cow	horncore	804	50.0	38.3	-	139.0
18thC	cow	horncore	805	50.0	36.7	-	140.0
18thC	cow	horncore	806	58.5	47.5	-	169.0
18thC	cow	horncore	807	43.6	30.5	-	117.0
18thC	cow	horncore	808	53.7	48.4	-	-
18thC	cow	horncore	809	47.5	34.7	-	131.0
18thC	cow	horncore	810	59.9	45.0	-	-

Date	Species	Element	Bone id.	41	42	43	BC
post-med	cow	horncore	1470	56.6	43.2	272.0	167.0
post-med	cow	horncore	1471	53.8	42.0	229.0	161.0
post-med	cow	horncore	1472	55.1	45.4	286.0	172.0
post-med	cow	horncore	1474	69.2	56.5	383.0	208.0
post-med	cow	horncore	1475	56.0	43.5	227.0	162.0

Date	Species	Element	Bone id.	SD	Bd	BT	HT	HTC
16thC	cow	humerus	1140	-	-	67.6	-	-
16thC	cow	humerus	1394	31.9	-	67.3	44.2	34.6
18thC	cow	humerus	525	-	-	-	50.0	36.9
18thC	cow	humerus	542	-	-	70.5	-	-
18thC	cow	humerus	746	-	78.9	69.6	44.0	32.3
post-med	cow	humerus	1476	43.4	-	78.1	50.0	37.6

Date	Species	Element	Bone id.	GLP	SLC
16thC	cow	scapula	1137	64.3	-
16thC	cow	scapula	1138	58.5	-
16thC	cow	scapula	1005	59.8	-
16thC	cow	scapula	1006	67.9	-
18thC	cow	scapula	524	60.5	46.2
18thC	cow	scapula	544	62.7	-
18thC	cow	scapula	564	57.6	42.2

Date	Species	Element	Bone id.	GL	BP	BFp	SD
16thC	cow	radius	1082	-	76.2	68.1	-
16thC	cow	radius	1281	-	88.5	79.3	-
16thC	cow	radius	1396	268.9	-	-	35.6
18thC	cow	radius	545	-	78.1	69.5	-

Date	Species	Element	Bone id.	GL	Bp	Dp	SD	Bd	Dd	Dem	Dvm	Dim
14-15thC	cow	metacarpal	1429	-	50.5	32.3	-	-	-	-	-	-
16thC	cow	metacarpal	1153	-	-	-	-	53.5	28.4	22.7	28.6	25.3
16thC	cow	metacarpal	1156	-	-	-	-	51.6	26.7	22.2	27.1	24.9
16thC	cow	metacarpal	1290	-	-	-	-	-	31.6	23.4	31.6	28.6
16thC	cow	metacarpal	1398	190.0	53.3	33.6	28.5	55.9	30.7	23.3	30.7	26.0
17-18thC	cow	metacarpal	862	192.2	53.5	31.7	28.7	54.4	30.2	23.5	30.6	26.6
18thC	cow	metacarpal	773	-	55.0	32.1	-	-	-	-	-	-

Date	Species	Element	Bone id.	Bp	Bd	Dd
16thC	cow	tibia	1400	-	54.5	43.4
16thC	cow	tibia	1019	-	55.2	38.9
17-18thC	cow	tibia	853	96.6	-	-
18thC	cow	tibia	565	-	60.6	46.2
18thC	cow	tibia	770	-	54.9	44.5

Date	Species	Element	Bone id.	DS	C	C + D
14-15thC	cow	calcaneum	1431	-	23.4	43.1
16thC	cow	calcaneum	1021	39.2	26.7	48.6
16-17thC	cow	calcaneum	299	38.5	25.4	45.5
18thC	cow	calcaneum	563	42.3	31.2	52.0

Caprovids

Key: sh/g = sheep/goat

Date	Species	Element	Bone id.	41	42	43	BC
16thC	goat	horncore	1100	32.9	20.3	-	89.0
16thC	sheep	horncore	958	42.9	33.7	-	123.0
16-17thC	sheep	horncore	403	38.9	24.1	110.0	100.0

Date	Species	Element	Bone id.	SD	BT	HT	HTC
16thC	sheep	humerus	947	13.9	26.7	16.6	12.9
16thC	sheep	humerus	948	-	31.1	18.2	15.5
16thC	sh/g	humerus	1202	-	25.1	16.5	12.5
16thC	sheep	humerus	1330	-	25.0	16.2	12.5
16-17thC	sh/g	humerus	321	13.9	26.5	-	13.5

Date	Species	Element	Bone id.	GL	Bp	BFp	SD	Bd	BFd
16thC	sh/g	radius	1332	-	29.3	26.9	15.7	-	-
16thC	sh/g	radius	1335	-	29.5	27.4	-	-	-
16thC	sh/g	radius	1203	-	30.2	27.4	18.6	-	-
16thC	sh/g	radius	1333	-	30.4	27.4	15.6	-	-
16thC	sheep	radius	1331	133.3	30.6	26.6	15.6	-	-
16thC	sh/g	radius	1752	-	31.1	28	-	-	-
16-17thC	sh/g	radius	322	-	32.2	29.8	17.1	-	-
17-18thC	sheep	radius	868	130.1	27.4	24.8	14.9	26.7	20.9
post-med	sh/g	radius	1477	-	32.3	29.8	17.0	-	-

Date	Species	Element	Bone id.	SD	Bd	Dd
16thC	sh/g	tibia	1205	10.1	23.8	18.2
16thC	sh/g	tibia	1206	10.8	25.7	20.2
16thC	sh/g	tibia	954	-	25.2	19.3
18thC	sh/g	tibia	781	-	28.7	21.8
18thC	sh/g	tibia	779	11.6	26.2	18.5

Date	Species	Element	Bone id.	GL	Bp	Dp	SD	Bd	Dd	Dem	Dvm	Dim
16thC	sh/g	metacarpal	1235	-	-	-	-	23.6	-	10.5	-	12.7
16thC	sh/g	metacarpal	1234	-	-	-	-	24.4	14.9	10.1	14.9	13.1
16thC	sheep	metacarpal	1375	-	-	-	-	24.4	15.9	9.8	14.9	13.4
16thC	sh/g	metacarpal	1104	-	23.1	16.5	12.1	-	-	-	-	-
16thC	sh/g	metacarpal	1217	-	20.3	15.1	12.4	-	-	-	-	-
16thC	sh/g	metacarpal	1221	-	20.5	14.5		-	-	-	-	-
16thC	sh/g	metacarpal	1372	-	21.1	15.5	14.2	-	-	-	-	-
16thC	sh/g	metacarpal	1376	-	21.4	15.3	10.9	-	-	-	-	-
16thC	sh/g	metacarpal	1371	-	22.2	16.7	13.9	-	-	-	-	-
16thC	sh/g	metacarpal	1374	-	22.3	15.6	12.8	-	-	-	-	-
16thC	sh/g	metacarpal	1218	-	23.2	11.1	13.9	-	-	-	-	-
16thC	sh/g	metacarpal	1215	-	23.9	16.9	13.7	-	-	-	-	-
16thC	sh/g	metacarpal	1219	-	24.1	16.7	13.1	-	-	-	-	-
16thC	sh/g	metacarpal	1233	14.0	20.3	14.2	12.2	22.9	14.2	9.2	14.2	12.4
16thC	sh/g	metacarpal	1232	129.8	23.5	17.2	12.4	25.6	16.3	10.7	16.2	13.3
16thC	sheep	metacarpal	974	-	-	-	-	-	15.3	9.6	14.9	12.8
16thC	sh/g	metacarpal	967	-	20.7	14.3	12.7	-	-	-	-	-
16thC	sheep	metacarpal	966	113.9	22.9	16.6	13.1	25.5	16.2	11.2	16.1	13.3
16thC	sheep	metacarpal	965	119.3	23.4	17.2	14.6	26.4	16.1	11.0	16.2	13.3
16thC	sh/g	metacarpal	1757	-	22.9	15.0	12.9	-	-	-	-	-
16thC	sh/g	metacarpal	1758	-	22.4	16.3	12.5	-	-	-	-	-
16thC	sheep	metacarpal	1754	-	-	-	-	25.6	15.1	9.4	14.6	13.1
16thC	?goat	metacarpal	1760	-	-	-	-	26.8	16.7	10.6	16.4	14.3
16-17thC	sh/g	metacarpal	310	-	19.8	13.3	-	-	-	-	-	-
16-17thC	sh/g	metacarpal	325	-	25.5	19.2	15.5	-	-	-	-	-
16-17thC	sh/g	metacarpal	324	17.5	23.3	16.9	14.0	25.5		9.8	15.4	13.7
16-17thC	sh/g	metacarpal	1124	-	21.5	15.9	-	-	-	-	-	-
16-17thC	sh/g	metacarpal	1125	-	21.6	16.2	12.5	-	-	-	-	-
17-18thC	sheep	metacarpal	869	125.2	23.9	16.7	14.4	26.1	16.5	11.0	16.5	13.5

Date	Species	Element	Bone id.	GL	Bp	SD	Bd	Dd	Dem	Dvm	Dim
16thC	sheep	metatarsal	1366	-	-	-	22.1	14.7	9.4	14.7	12.1
16thC	sheep	metatarsal	1362	-	-	-	23.3	13.6	8.7	13.6	11.8
16thC	sh/g	metatarsal	1237	-	18.1	10.9	-	-	-	-	-
16thC	sh/g	metatarsal	1227	-	18.5	-	-	-	-	-	-
16thC	sh/g	metatarsal	1228	-	18.6	10.7	-	-	-	-	-
16thC	sh/g	metatarsal	1358	-	19.0	11.2	-	-	-	-	-
16thC	sh/g	metatarsal	1368	-	20.0	-	-	-	-	-	-
16thC	sh/g	metatarsal	1226	-	20.4	12.4	-	-	-	-	-
16thC	sh/g	metatarsal	1356	-	21.1	12.1	-	-	-	-	-
16thC	sh/g	metatarsal	1363	-	23.4	13.2	-	-	-	-	-
16thC	sheep	metatarsal	1361	125.7	18.0	10.2	21.2	-	9.6	13.1	12.1

Date	Species	Element	Bone id.	GL	Bp	SD	Bd	Dd	Dem	Dvm	Dim
16thC	sheep	metatarsal	1354	128.6	20.7	12.1	24.1	15.2	9.3	15.1	12.6
16thC	sh/g	metatarsal	1236	132.1	19.1	11.3	23.2	15.1	10.0	15.0	12.8
16thC	sh/g	metatarsal	972	-	19.2	-	-	-	-	-	-
16thC	sh/g	metatarsal	973	-	19.9	-	-	-	-	-	-
16thC	sh/g	metatarsal	975	-	21.2	11.2	-	-	-	-	-
16thC	sheep	metatarsal	971	131.7	-	10.4	-	-	10.5	16.2	13.6
16thC	sheep	metatarsal	1741	133.9	21.9	12.3	24.5	15.3	9.1	15.3	12.2
18thC	sh/g	metatarsal	782	120.7	-	12.1	24.8	-	-	-	-
18thC	sheep	metatarsal	560	120.8	-	9.6	21.8	15.4	10.0	15.3	12.7
post-med	?goat	metatarsal	1478	-	21.3	12.8	-	-	-	-	-

Date	Species	Element	Bone id.	GLI	DI	Bd
16thC	sh/g	astragalus	959	26.2	14.8	16.9

Date	Species	Element	Bone id.	GL	DS	C	C + D
16thC	sheep	calcaneum	1380	52.4	16.2	13.4	21.3

Horse

Date	Species	Element	Bone id.	GLP	SLC
14-15thC	horse	scapula	1425	81.6	53.0
16-17thC	horse	scapula	148	-	59.5
16-17thC	horse	scapula	144	-	64.0
16-17thC	horse	scapula	313	77.2	54.5
16-17thC	horse	scapula	381	83.7	57.5
16-17thC	horse	scapula	146	89.3	59.6
16-17thC	horse	scapula	191	90.9	59.1
16-17thC	horse	scapula	147	91.0	62.6
16-17thC	horse	scapula	190	91.4	62.2
16-17thC	horse	scapula	382	93.9	62.2
16-17thC	horse	scapula	143	95.2	67.9
16-17thC	horse	scapula	145	97.5	69.8
16-17thC	horse	scapula	383	98.9	64.1
16thC	horse	scapula	1060	91.5	59.8
18thC	horse	scapula	408	81.2	53.3
18thC	horse	scapula	474	89.9	61.8
18thC	horse	scapula	409	90.3	59.8
18thC	horse	scapula	407	92.7	61.2
18thC	horse	scapula	439	94.5	65.5
18thC	horse	scapula	410	94.6	65.3

Date	Species	Element	Bone id.	GLI	GLC	Bp	SD	Bd	BT	HT	HTC
16thC	horse	humerus	1176	-	-	-	31.4	-	69.4	45.6	32.6
16thC	horse	humerus	1177	-	-	-	35.1	-	-	47.3	-
16thC	horse	humerus	1739	-	-	-	-	-	69.9	48.7	32.4
16-17thC	horse	humerus	127	305.0	282.7	90.1	37.0	83.1	75.6	55.5	36.8
16-17thC	horse	humerus	128	-	-	-	35.7	78.8	71.1	53.4	36.4
16-17thC	horse	humerus	129	-	-	-	32.8	74.9	70.1	50.0	34.8
16-17thC	horse	humerus	130	-	-	-	30.5	76.5	70.5	49.2	35.7
16-17thC	horse	humerus	131	-	275.0	-	33.6	81.0	73.7	54.1	39.0
16-17thC	horse	humerus	132	298.0	280.0	-	37.5	81.3	74.0	50.2	36.6
16-17thC	horse	humerus	133	-	-	-	34.0	74.6	69.9	51.2	36.2
16-17thC	horse	humerus	188	-	-	-	28.6	68.6	65.0	45.5	33.3
16-17thC	horse	humerus	189	-	-	-	29.1	73.8	68.9	48.8	36.2
16-17thC	horse	humerus	384	-	275.0	-	35.0	76.1	72.1	50.4	36.7
16-17thC	horse	humerus	385	-	-	-	39.9	86.1	78.7	54.0	39.1
18thC	horse	humerus	411	-	262.5	-	33.2	83.3	74.0	53.6	40.3
18thC	horse	humerus	440	-	-	-	38.3	85.0	77.0	57.8	38.5
18thC	horse	humerus	441	-	-	-	37.2	83.5	79.5	53.6	40.2
18thC	horse	humerus	442	-	-	-	32.6	77.8	70.3	48.9	34.6
18thC	horse	humerus	475	-	-	-	34.5	74.7	72.9	51.6	38.7
18thC	horse	humerus	476	-	-	-	30.9	74.3	70.2	49.9	35.8
18thC	horse	humerus	477	-	277.5	-	35.6	80.1	75.3	48.5	35.4
18thC	horse	humerus	478	-	-	-	37.8	81.2	77.9	55.1	38.5
18thC	horse	humerus	532	-	-	-	37.7	79.2	73.3	51.5	37.8
18thC	horse	humerus	733	-	-	-	-	83.7	77.1	54.2	38.4
18thC	horse	humerus	734	-	-	-	34.6	78.4	73.1	51.5	37.7
18thC	horse	humerus	735	-	-	-	32.3	78.1	73.5	51.2	37.7
18thC	horse	humerus	736	-	-	-	35.6	81.9	74.5	52.8	36.7

Date	Species	Element	Bone id.	GL	LI	Bp	BFp	SD	Bd	BFd
16thC	horse	radius	1389	300.0	288.0	-	-	32.4	67.9	58.5
16thC	horse	radius	1179	321.0	307.0	-	-	35.7	67.7	59.1
16-17thC	horse	radius	137	-	-	70.4	66.5	29.6	-	-
16-17thC	horse	radius	386	-	-	76.5	72.5	34.5	-	-
16-17thC	horse	radius	140	314.0	307.0	78.3	73.4	33.7	69.6	59.8
16-17thC	horse	radius	138	331.0	306.0	76.3	70.9	35.2	68.5	61.6
16-17thC	horse	radius	141	331.0	309.0	75.8	71.1	36.1	70.2	61.6
16-17thC	horse	radius	139	340.0	330.0	79.5	73.5	37.3	74.1	62.5
16-17thC	horse	radius	135	347.0	333.0	77.3	71.2	35.0	70.6	58.6
16-17thC	horse	radius	134	420.0	324.0	84.8	76.6	38.4	75.9	63.7
18thC	horse	radius	480	-	-	-	-	35.9	73.0	65.4
18thC	horse	radius	739	-	-	76.4	70.2	35.4	-	-
18thC	horse	radius	530	-	-	81.0	74.9	34.6	-	-

Date	Species	Element	Bone id.	GL	LI	Bp	BFp	SD	Bd	BFd
18thC	horse	radius	479	324.0	315.0	77.5	72.1	33.9	70.7	60.6
18thC	horse	radius	414	326.0	318.0	83.5	78.2	36.3	71.9	64.3
18thC	horse	radius	413	330.0	315.0	78.5	71.1	34.1	72.7	61.5
18thC	horse	radius	415	339.0	320.0	81.9	76.0	37.0	73.7	62.3
18thC	horse	radius	481	340.0	321.0	-	-	35.4	73.1	62.3
18thC	horse	radius	444	342.0	327.0	73.5	79.6	36.1	75.2	63.5
18thC	horse	radius	443	367.0	349.0	83.5	79.0	39.0	77.8	66.9

Date	Species	Element	Bone id.	GLI	GL	Bp	SD	Bd	LI	Dp	Dd	DD
16thC	horse	metacarpal	1424	218.4	221.4	47.6	31.4	48.7	212.7	33.3	35.3	-
16-17thC	horse	metacarpal	179	232.2	235.7	53.2	35.6	53.7	228.1	35.0	-	-
16-17thC	horse	metacarpal	180	214.2	217.9	47.8	30.8	46.6	209.5	31.8	-	-
16-17thC	horse	metacarpal	391	207.2	210.8	45.5	31.8	45.4	201.4	32.4	34.6	-
18thC	horse	metacarpal	489	217.6	218.6	50.1	31.5	47.4	212.9	33.1	-	24.4
18thC	horse	metacarpal	1729	238.9	240.9	52.3	-	52.1	229.4	-	-	-
18thC	horse	metacarpal	1730	228.9	232.6	49.8	34.8	51.1	223.6	32.6	-	-

Date	Species	Element	Bone id	GL	GLC	Bp	SD	Bd
16thC	horse	femur	1393	371.0	344.0	102.0	34.6	83.2
16-17thC	horse	femur	389	-	-	-	37.8	81.0
16-17thC	horse	femur	152	-	-	-	39.0	91.5
16-17thC	horse	femur	157	-	370.0	-	40.1	92.2
16-17thC	horse	femur	156	-	-	-	42.4	-
16-17thC	horse	femur	150	-	-	-	42.6	92.5
16-17thC	horse	femur	155	-	-	-	44.0	-
16-17thC	horse	femur	154	-	-	-	48.4	-
16-17thC	horse	femur	151	-	-	107.6	37.1	-
16-17thC	horse	femur	158	-	-	118.2	48.9	-
16-17thC	horse	femur	149	390.0	350.0	115.7	38.5	87.9
18thC	horse	femur	417	-	-	-	41.7	91.1
18thC	horse	femur	418	-	-	-	42.7	90.0
18thC	horse	femur	741	-	352.0	112.9	40.8	90.8
18thC	horse	femur	416	373.0	340.0	-	34.9	84.5
18thC	horse	femur	740	400.0	369.0	116.3	42.4	93.9

Date	Species	Element	Bone id.	GL	LI	Bp	SD	Bd	Dd
16-17thC	horse	tibia	163	-	-	-	27.6	-	-
16-17thC	horse	tibia	162	-	-	-	28.8	71.1	42.1
16-17thC	horse	tibia	165	-	-	-	29.3	73.0	45.3
16-17thC	horse	tibia	390	-	-	-	29.7	73.4	45.2

Date	Species	Element	Bone id.	GL	LI	Bp	SD	Bd	Dd
16-17thC	horse	tibia	160	-	-	-	31.2	73.8	43.9
16-17thC	horse	tibia	164	-	-	-	33.0	79.5	49.5
16-17thC	horse	tibia	166	316.0	-	-	25.7	64.7	39.0
16-17thC	horse	tibia	168	335.0	308.0	88.4	26.1	70.9	44.0
16-17thC	horse	tibia	167	355.0	-	-	28.1	69.1	42.6
16-17thC	horse	tibia	159	355.0	328.0	94.0	30.4	70.7	44.8
16-17thC	horse	tibia	170	355.0	339.0	-	27.6	69.6	42.6
16-17thC	horse	tibia	161	358.0	325.0	-	29.6	77.7	46.2
16-17thC	horse	tibia	169	360.0	339.0	99.3	31.1	77.3	45.2
16thC	horse	tibia	1734	330.0	313.0	-	27.1	65.5	39.8
18thC	horse	tibia	755	-	-	-	-	73.6	41.4
18thC	horse	tibia	536	-	-	-	27.2	69.1	43.2
18thC	horse	tibia	488	-	-	-	28.2	69.5	46.5
18thC	horse	tibia	419	-	-	-	28.3	69.9	44.6
18thC	horse	tibia	742	-	-	-	32.8	80.8	49.1
18thC	horse	tibia	535	-	-	93.1	-	-	-
18thC	horse	tibia	487	340.0	320.0	-	30.6	73.9	43.4

Date	Species	Element	Bone id.	GL	GB
16thC	horse	calcaneum	1736	99.4	-
16-17thC	horse	calcaneum	397	103.5	51.2
18thC	horse	calcaneum	756	104.6	-
18thC	horse	calcaneum	446	107.5	-
18thC	horse	calcaneum	548	113.7	-

Date	Species	Element	Bone id.	GH	GB	BFd	LmT
16thC	horse	astragalus	1766	53.8	56.0	-	52.9
16thC	horse	astragalus	1735	52.0	55.4	-	54.1
16-17thC	horse	astragalus	194	53.5	55.5	43.5	52.4
16-17thC	horse	astragalus	398	56.4	58.9	49.6	57.9
18thC	horse	astragalus	537	53.2	60.0	51.5	57.5
18thC	horse	astragalus	744	58.5	62.7	53.3	60.5
18thC	horse	astragalus	553	59.4	60.6	50.3	60.3
18thC	horse	astragalus	485	59.9	61.7	51.3	59.7
18thC	horse	astragalus	538	60.5	63.5	53.3	61.7
18thC	horse	astragalus	484	61.5	63.2	55.4	62.5

Date	Species	Element	Bone id.	GL	GLI	LI	Bp	SD	CD	Bd	Dd
16thC	horse	metatarsal	1185	-	-	-	53.9	33.7	-	-	-
16thC	horse	metatarsal	1061	272.0	267.9	264.5	48.8	28.8	-	47.7	37.7
16thC	horse	metatarsal	1737	255.1	253.6	250.1	45.6	-	-	46.2	-
16-17thC	horse	metatarsal	176	-	-	-	52.3	-	-	-	-
16-17thC	horse	metatarsal	177	234.6	232.3	229.2	44.5	25.5	-	43.2	-
16-17thC	horse	metatarsal	172	235.8	231.5	226.8	44.9	26.1	-	43.2	-
16-17thC	horse	metatarsal	173	247.9	243.1	238.8	49.1	29.8	-	48.3	-
16-17thC	horse	metatarsal	394	253.0	250.4	246.2	47.0	-	95.0	46.1	36.4
16-17thC	horse	metatarsal	171	253.4	249.4	243.0	45.9	29.8	-	45.9	-
16-17thC	horse	metatarsal	175	259.9	254.9	249.9	-	30.5	-	47.0	-
16-17thC	horse	metatarsal	395	262.5	261.3	256.6	47.8	-	101.0	48.8	36.9
16-17thC	horse	metatarsal	393	264.4	261.8	257.2	51.1	-	106.0	50.4	40.4
16-17thC	horse	metatarsal	174	266.2	261.7	256.2	51.8	31.1	-	50.1	-
16-17thC	horse	metatarsal	178	282.8	279.3	275.4	49.5	31.5	-	50.3	-

Figure 1. General age categories for cattle mandibles from North Bridge, Doncaster.

Figure 2. Caprovid kill-off pattern from mandibular tooth wear data for 16th century material from North Bridge, Doncaster, showing frequency of age group and survival.

Figure 3. Size of cattle horncores from North Bridge, Doncaster; greatest length (43): minimum diameter (42).

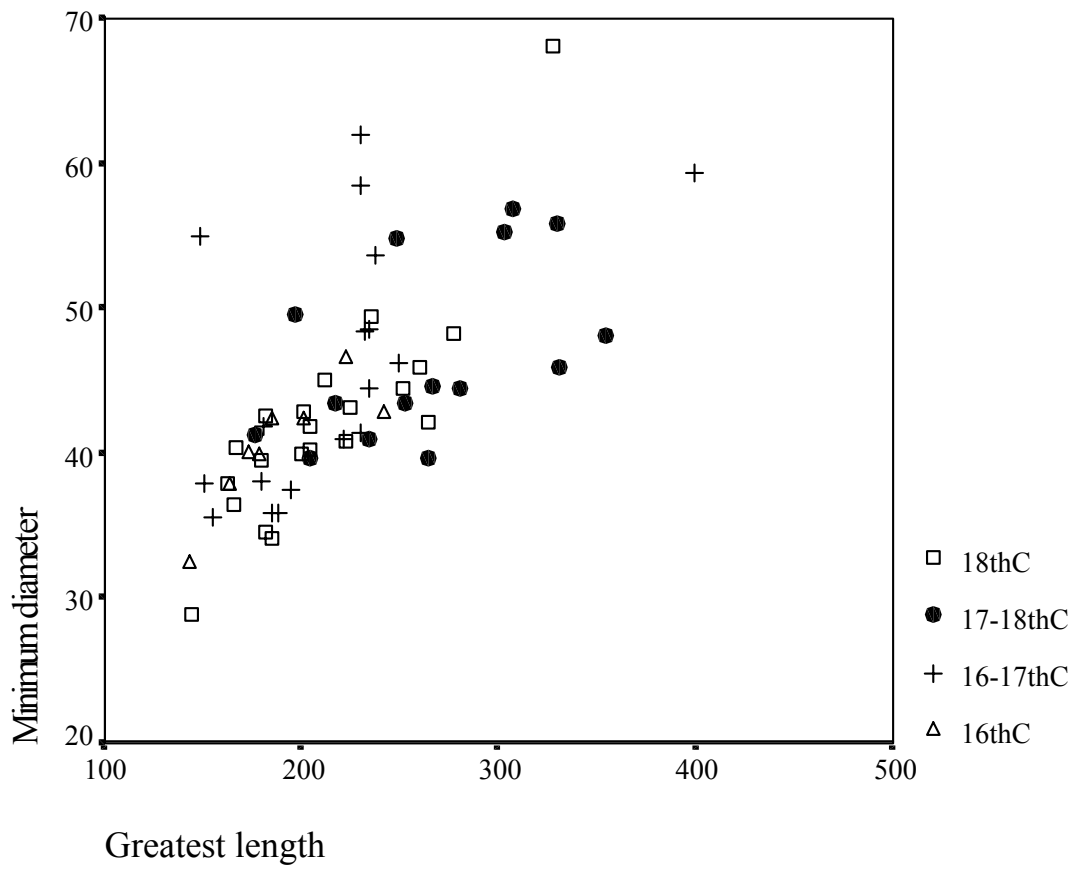


Figure 4a. Size of 16th and 16-17th century cattle horncores from North Bridge, Doncaster; maximum diameter (41): minimum diameter (42).

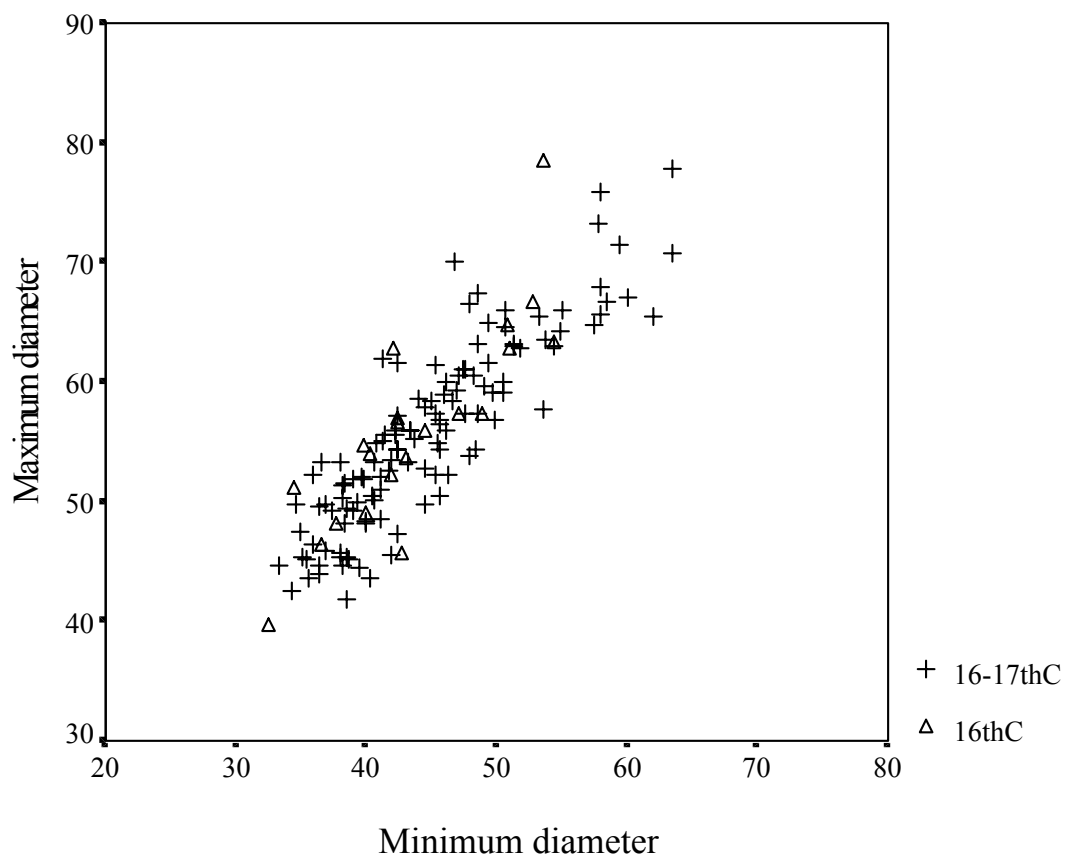


Figure 4b. Size of 17th-18th century cattle horncores from North Bridge, Doncaster; maximum diameter (41): minimum diameter (42).

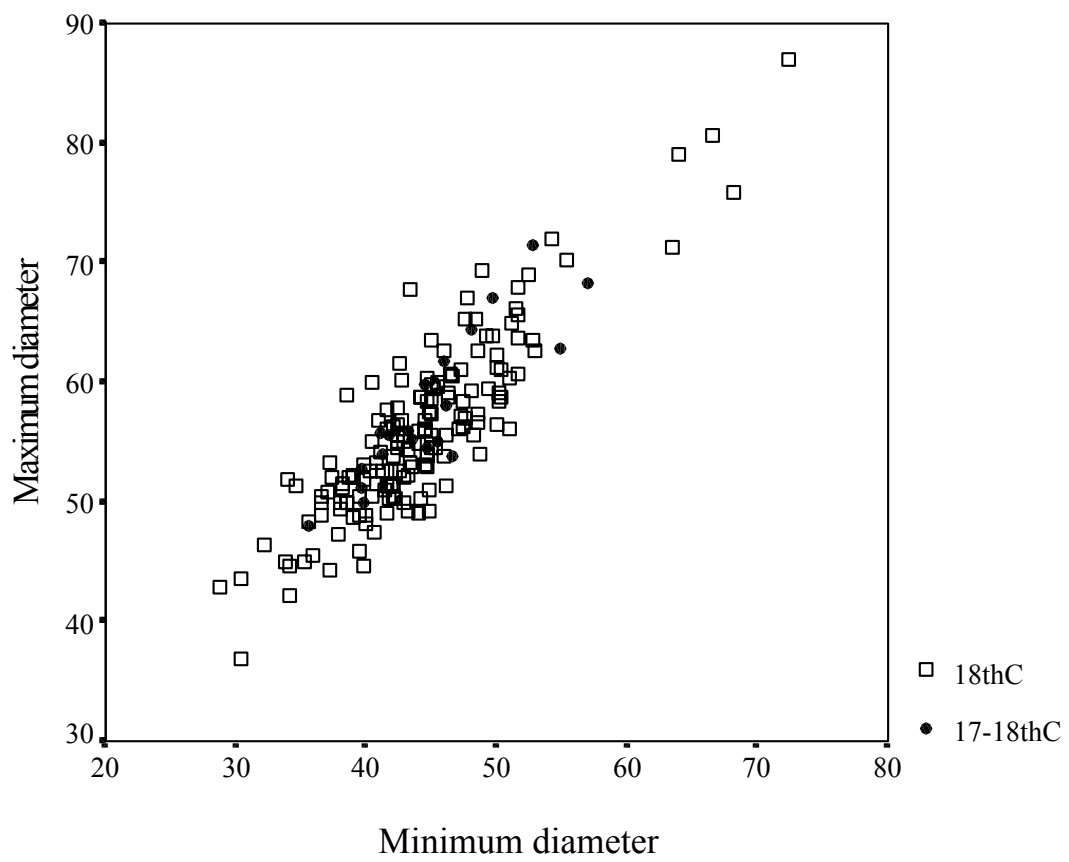


Figure 5. Size of cattle horncores from North Bridge, Doncaster; greatest length (43): basal circumference (BC).

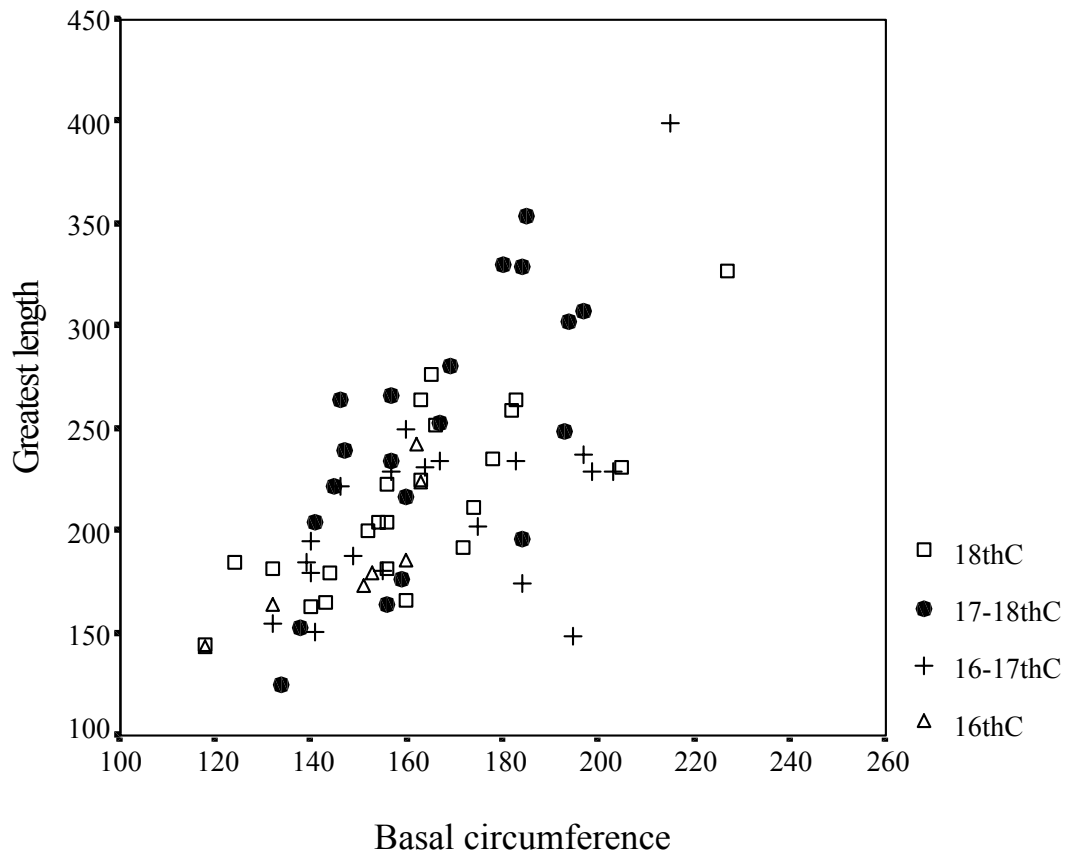


Figure 6. Size of caprovid metatarsals from North Bridge, Donacaster; greatest length (GL): minimum shaft diameter (SD).

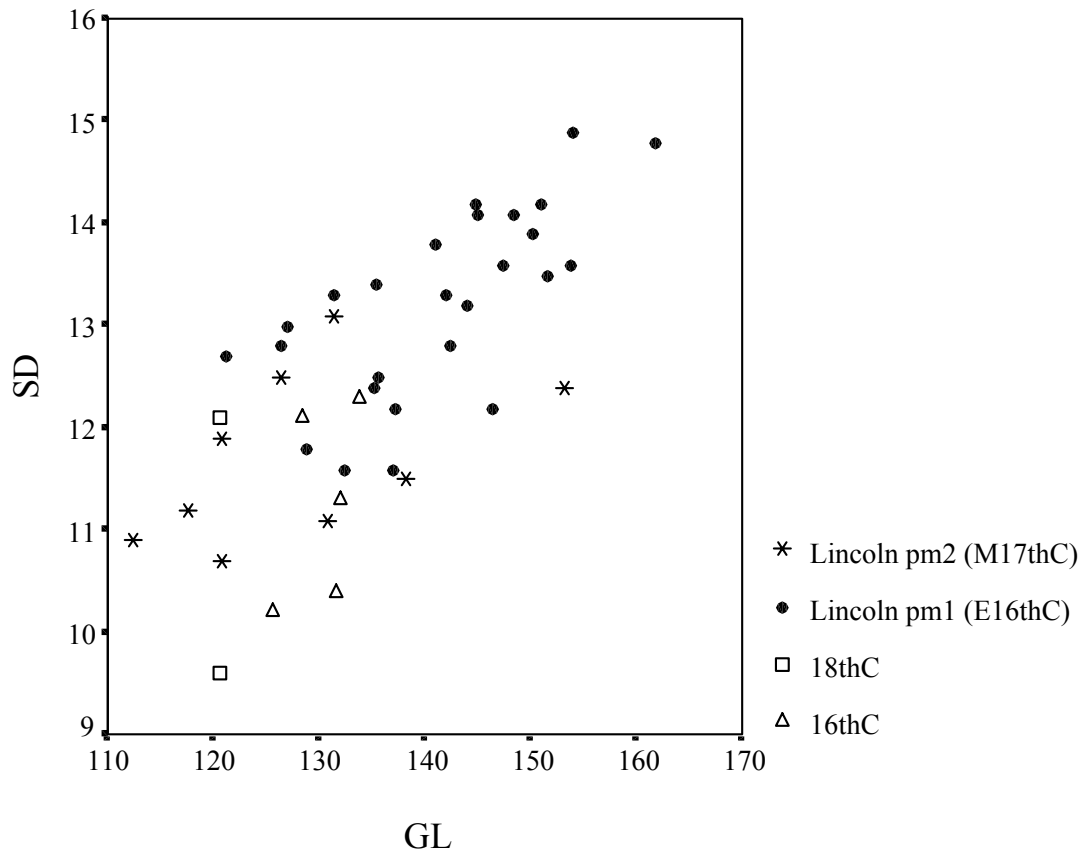


Figure 7. Size of caprovid metacarpals from North Bridge, Doncaster; proximal breadth (Bp): proximal depth (Dp).

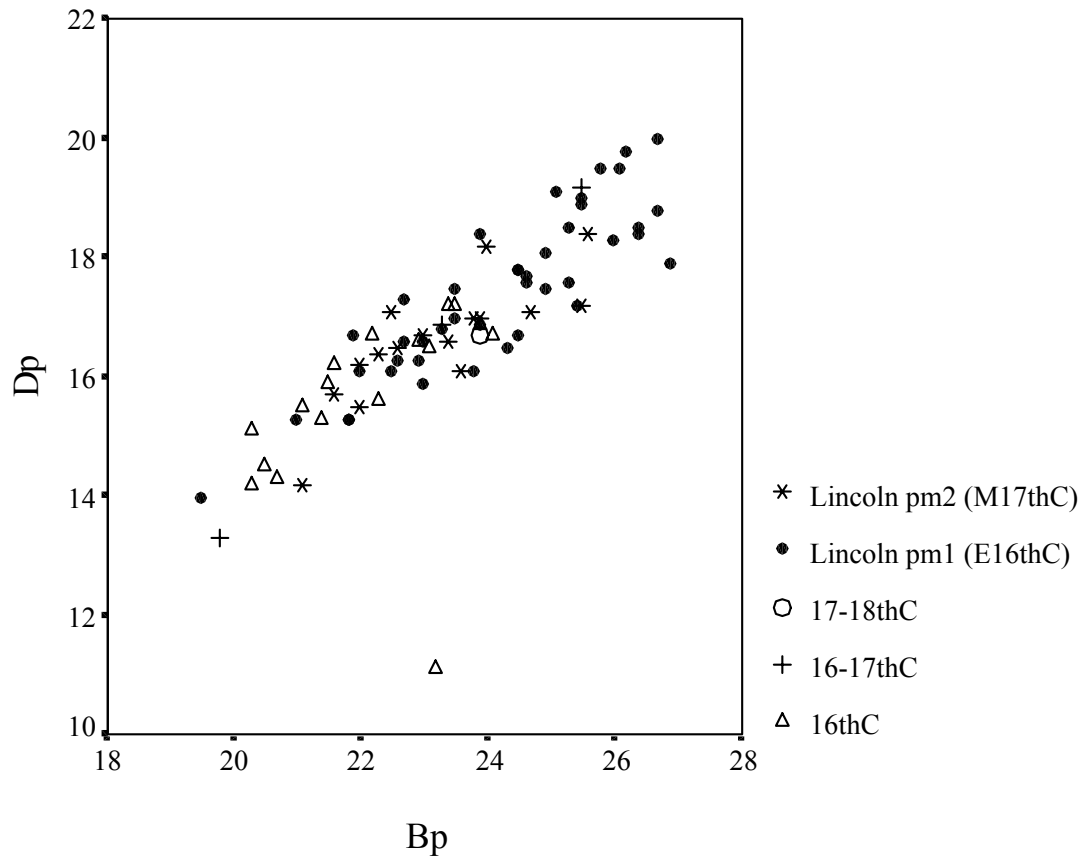


Figure 8. Size of horse humeri from North Bridge, Doncaster; diameter of trochlea (HTC):breadth of trochlea (BT).

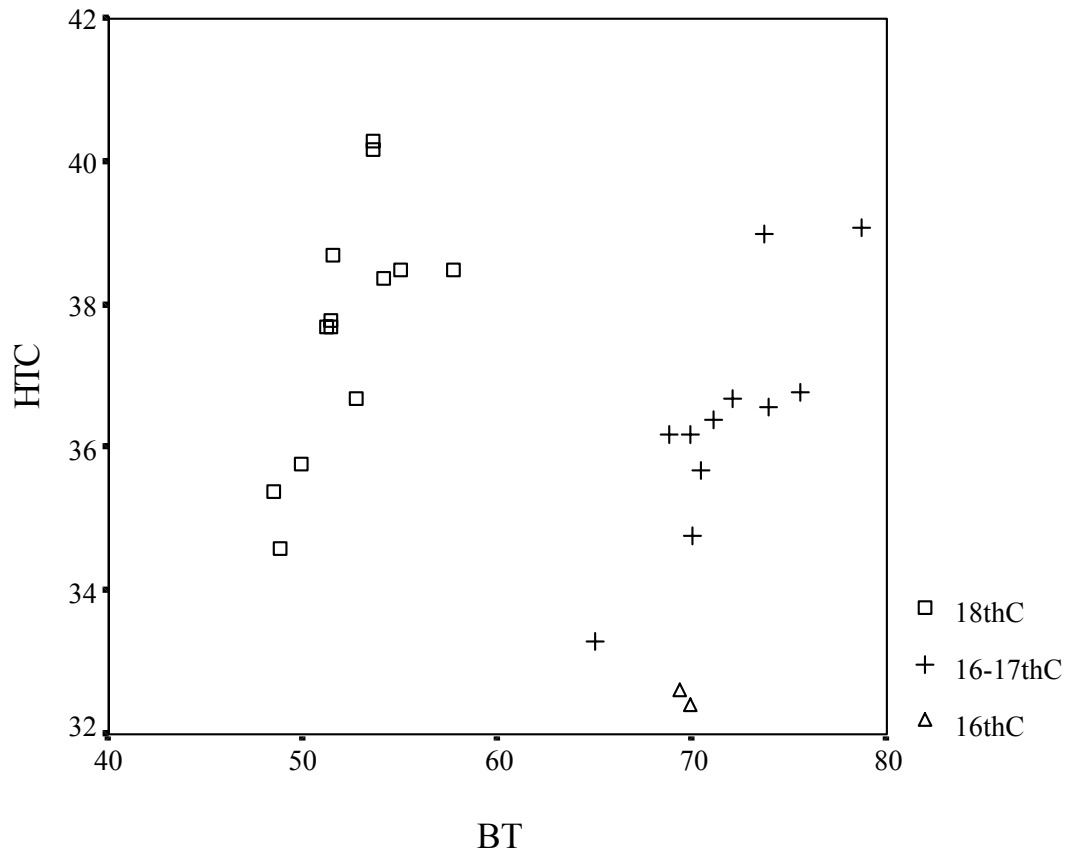


Figure 9. Size of horse astragali from North Bridge, Doncaster; greatest breadth (GB): greatest height (GH).

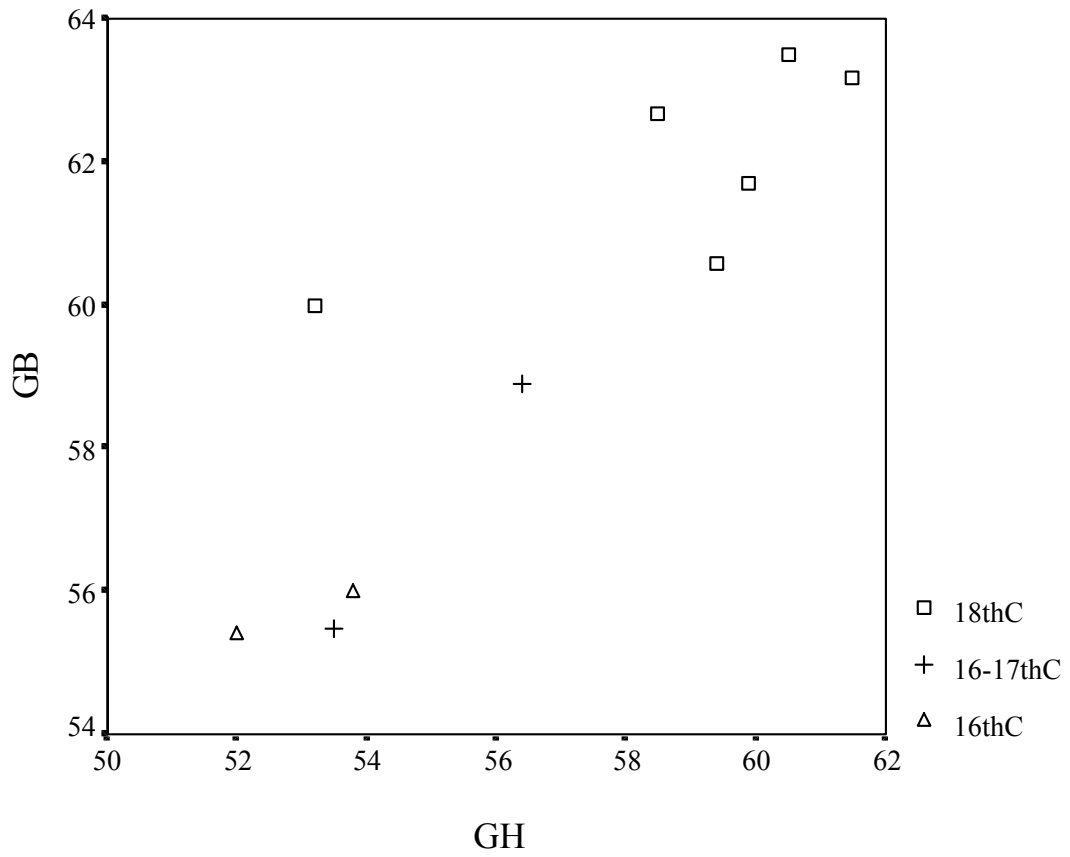
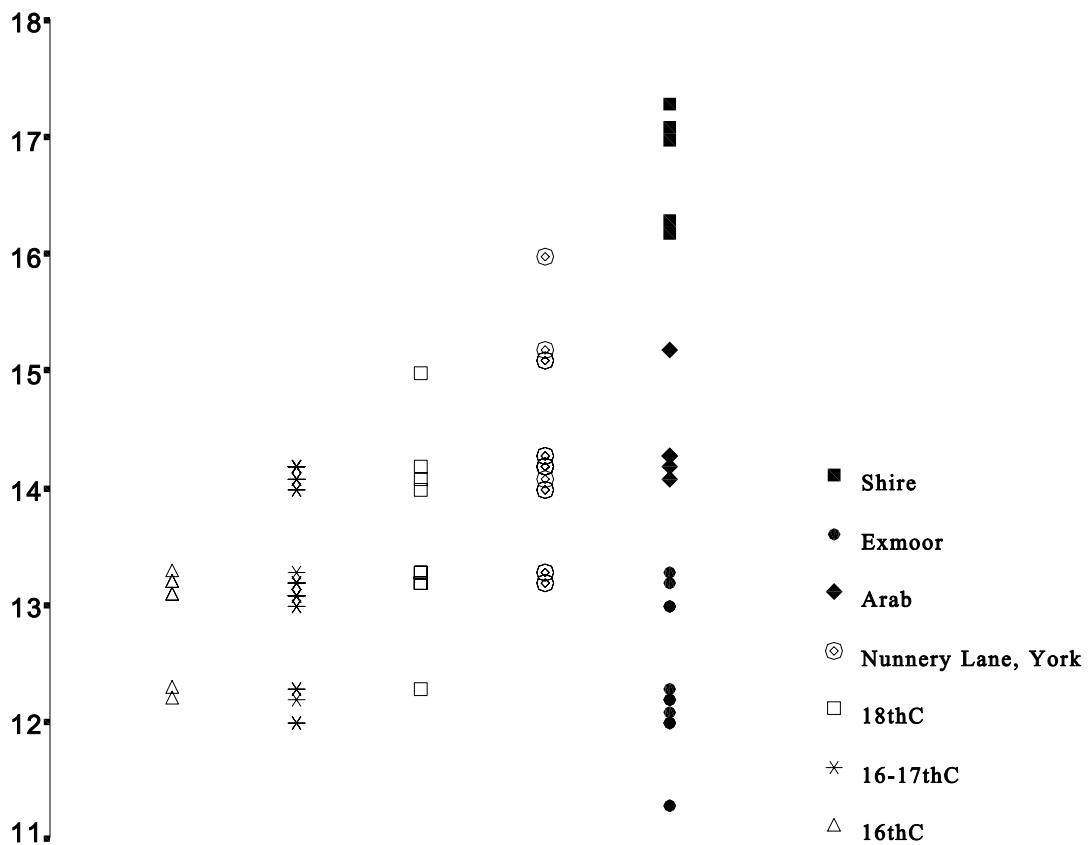


Figure 10. Comparison of extrapolated height in (hands) of horses from North Bridge, Doncaster, compared with data for material from Nunnery Lane, York (Jaques and Dobney 1996) and from modern breeds (compiled by Johnstone 1996). Heights were calculated from the following elements: humerus, radius, femur, tibia, metacarpal and metatarsal. Measurements from three different Exmoor ponies were used.



Report on fly puparia from selected contexts from North Bridge, Doncaster

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The state of preservation of the dipterous material was quite good but unfortunately the bulk of it was so fragmented that at best only tentative specific identifications were possible. Only one puparium contained identifiable fragments of an adult, namely the *Drosophila*, which, on the form of the ovipositor guides, most closely approached *funnebris*. This species is one of the more eurytopic members of the genus, breeding in decaying plant or animal matter.

The fly fauna of the samples from Pit 1519 appears to have been relatively meagre; perhaps the pit was partly closed so that the surface was in permanent darkness. Although the piophilids would normally suggest a lighter situation they could conceivably have colonised refuse such as animal bones before being dumped into the pit.

The most abundant species in the sample from the well was *Telomerina flavipes* (Meigen), a fly characteristic of dark, damp places in which rotting matter of animal origin accumulates. The single chironomid head capsule was clearly referable to *Chironomus (sensu stricto)*, members of which are ubiquitous in freshwater habitats. The tipuloid pupal end-segment, a female, clearly belonged to *Limnophila* (sg. *Phylidorea*), typical marshland crane-flies which breed in organic mud, especially beneath algal mats. The most common species in comparable locations today is *L. fulvonervosa* (Schummel), sharing the habitat with ephydriids (including *Philygria*) and the anthomyiid *Zaphne caudata* (Zetterstedt).

The overall impression of the nature of the deposits is one of decaying organic matter, which could have been of predominantly faecal origin, lying in a sodden situation and containing traces of rotting animal matter. Only found in Britain now amongst seaweed in a littoral environment, *Thoracochaeta zosterae* (Haliday) was formerly abundant, and apparently virtually ubiquitous, in association with human occupation sites, where its habits were believed to resemble those of the Urinal fly *Teichomyza fusca* Macquart, in sharing a propensity for urine. Perhaps urea-soaked

materials were being dumped at this site. Although the Don was tidal almost to Doncaster, it is improbable that seaweed would have washed up here naturally.