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**Plant and invertebrate remains from the Iron Age and Roman site at North Cave, East Riding of Yorkshire (site code NC95): data archive**

by John Carrott, Allan Hall, Harry Kenward and Frances Large

**Summary**

*Data supporting the account of plant and invertebrate remains submitted for publication in the main archaeological report are provided.*

**Keywords:** NORTH CAVE; EAST YORKSHIRE; ENGLAND (NE); IRON AGE; ROMAN; DITCH FILLS; PIT FILLS; PLANT MACROFOSSILS; INSECT REMAINS; MOLLUSCS

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## **Plant and invertebrate remains from the Iron Age and Roman site at North Cave, East Riding of Yorkshire (site code NC95): data archive**

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The data reported here refer to analyses of samples excavated during the 1995 season at North Cave and relate to deposits adjacent to those excavated in 1986-7, the data for which are archived in the report by Allison *et al.* (1990). An interpretation of the data from both excavations is given by Allison *et al.* (forthcoming)

### **References**

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Table 1. Complete list of plant taxa recorded from samples from excavations at North Cave (NC95). Taxonomic order and nomenclature follow Smith (1978) for mosses and Tutin et al. (1964-80) for vascular plants.

## Mosses

*Sphagnum* sp(p). [leaf/leaves and shoot tips]  
*Polytrichum* sp(p). [leaf/leaves/lf-base(s) and/or sht fgt(s)]  
*Leucobryum glaucum* (Hedw.) Angstr. [leaf/leaves and/or shoot fragment(s)]  
*Calliergon* cf. *giganteum* (Schimp.) Kindb. [leaf/leaves and/or shoot fragment(s)]  
*Hypnum* cf. *cupressiforme* Hedw. [leaf/leaves and/or shoot fragment(s)]  
*Hylocomium splendens* (Hedw.) Br. Eur. [leaf/leaves and/or shoot fragment(s)]

## Vascular plants

*Pteridium aquilinum* (L.) Kuhn (bracken) [pinnule and stalk fragment(s)]  
*Salix* sp(p). (willow) [bud(s)]  
*Urtica dioica* L. (stinging nettle) [achene(s)]  
*U. urens* L. (annual nettle) [achene(s)]  
*Polygonum aviculare* agg. (knotgrass) [fruit(s)]  
*P. hydropiper* L. (water-pepper) [fruit(s)]  
*P. persicaria* L. (persicaria/red shank) [fruit(s)]  
*P. lapathifolium* L. (pale persicaria) [fruit(s)]  
*Bilderdykia convolvulus* (L.) Dumort. (black bindweed) [fruit(s)]  
*Rumex* sp(p). (docks) [fruit(s)]  
*Rumex acetosella* agg. (sheep's sorrel) [fruit(s)]  
*Chenopodium album* L. (fat hen) [seed(s)]  
*Atriplex* sp(p). (oraches) [seed(s)]  
*Montia fontana* ssp. *chondrosperma* (Fenzl) Walters (blinks) [seed(s)]  
*Stellaria media* (L.) Vill. (chickweed) [seed(s)]  
*S. palustris/graminea* (marsh/lesser stitchwort) [seed(s)]  
*Cerastium* sp(p). (mouse-ear chickweeds) [seed(s)]  
*Spergula arvensis* L. (corn spurrey) [seed(s)]  
*Ranunculus* Section *Ranunculus* (meadow/creeping/bulbous buttercup) [achene(s)]  
*R. flammula* L. (lesser spearwort) [achene(s)]  
*R.* Subgenus *Batrachium* (water crowfoots) [achene(s)]  
*Papaver* cf. *rhoas/dubium* (?field/long-headed poppy) [seed(s)]  
*Fumaria* sp(p). (fumitories) [seed(s)]  
*Rorippa islandica* (Oeder) Borbás (northern marsh yellow-cress) [seed(s)]  
*Nasturtium officinale* R. Br. in Aiton (water-cress) [seed(s)]  
*Capsella bursa-pastoris* (L.) Medicus (shepherd's purse) [seed(s)]  
*Thlaspi arvense* L. (field penny-cress) [seed(s)]  
*Brassica* sp(p). (cabbages, etc.) [seed(s)]  
*Raphanus raphanistrum* L. (wild radish) [pod segments and/or fragment(s) and seed(s)]  
*Rubus fruticosus* agg. (blackberry/bramble) [seed(s)]  
*Potentilla anserina* L. (silverweed) [achene(s)]  
*P.* cf. *erecta* (L.) Rauschel (?tormentil) [achene(s)]  
*Crataegus monogyna* Jacq. (hawthorn) [pyrene(s)]  
 Leguminosae (pea family) [flower(s) and/or petal(s)]  
*Hippuris vulgaris* L. (mare's-tail) [seed(s)]  
 cf. *Anthriscus sylvestris* (L.) Hoffm. (?cow parsley) [mericarp(s)]

*Apium nodiflorum* (L.) Lag. (fool's watercress) [mericarp(s)]  
*Heracleum sphondylium* L. (hogweed) [mericarp(s)]  
*Erica tetralix* L. (cross-leaved heath) [leaf/leaves]  
*Calluna vulgaris* (L.) Hull (heather, ling) [flower(s), root and/or twig fragment(s), seed(s), shoot fragment(s)]  
 cf. *Calluna vulgaris* (L.) Hull (?heather, ling) [charred root and/or twig fragment(s), root and/or twig fragment(s)]  
 cf. *Callitriche* sp(p). (?water-starworts) [fruit(s)]  
*Marrubium vulgare* L. (white horehound) [nutlet(s)]  
*Galeopsis* Subgenus *Galeopsis* (hemp-nettles) [nutlet(s)]  
*Stachys* sp(p). (woundworts) [nutlet(s)]  
*Prunella vulgaris* L. (selfheal) [nutlet(s)]  
*Hyoscyamus niger* L. (henbane) [seed(s)]  
*Solanum nigrum* L. (black nightshade) [seed(s)]  
*Odontites verna* (Bellardi) Dumort. (red bartsia) [seed(s)]  
*Plantago major* L. (greater plantain) [seed(s)]  
*Sambucus nigra* L. (elder) [seed(s)]  
*Carduus/Cirsium* sp(p). (thistles) [achene(s)]  
*Centaurea* sp(p). (knapweeds, etc.) [achene(s), involucre fragment(s)]  
*Leontodon* sp(p). (hawkbits) [achene(s)]  
*Sonchus asper* (L.) Hill (prickly sow-thistle) [achene(s)]  
*Juncus bufonius* L. (toad rush) [seed(s)]  
 Gramineae (grasses) [waterlogged caryopsis/es]  
 cf. Gramineae (?grasses) [culm fragment(s)]  
 cf. *Triticum* sp(p). (?wheats) [charred caryopsis/es]  
*Scirpus lacustris* sl (bulrush) [nutlet(s)]  
*S. setaceus* L. (bristle club-rush) [nutlet(s)]  
*Eleocharis palustris* sl (common spike-rush) [nutlet(s)]  
*Cladium mariscus* (L.) Pohl (great sedge/saw-sedge) [nutlet(s)]  
*Carex* sp(p). (sedges) [nutlet(s)]

Table 2. Lists of plant taxa and other materials recorded from samples from excavations at North Cave (N95). The samples are presented in context number order, and within the lists the taxonomic order and taxonomy for the identified plant remains follow Tutin et al. (1964-80) for the vascular plants and Smith (1978) for mosses. Other materials are listed alphabetically. The figure at the right-hand side of each column is the abundance score, on a scale of 1 (one or a few fragments or individuals per kg) to 4 (a major component, very abundant). Abbreviations for plant parts can be interpreted from the list of taxa in Table 1.

Context 151	Sample 2/T	Cladium mariscus	1
		Carex sp(p).	1
bark fgts (ch)	1		
chalk gravel	2	beetles	1
charcoal	1	caddis larva cases	1
ironstone gravel	2	chalk gravel	2
snails	3	charcoal	1
		Daphnia (ephippia)	2
		dicot lf fgts	1
Context 211	Sample 3/T	earthworm egg caps	2
		flint gravel	1
Salix sp(p). (b)	1	fly puparia	1
Polygonum aviculare agg.	1	herbaceous detritus	2
Polygonum hydropiper	1	mites	1
Polygonum persicaria	1	Pisidium sp(p). (valves)	1
Polygonum lapathifolium	1	root/rootlet fgts	2
Rumex sp(p).	1	sand	2
Rumex acetosella agg.	1	snails	1
Chenopodium album	1	twig fgts	1
Stellaria media	1	wood fgts	1
Stellaria palustris/graminea	1		
Cerastium sp(p).	1		
Ranunculus Section Ranunculus	2	Context 263	Sample 11/T
Ranunculus Subgenus Batrachium	3		
Nasturtium officinale	1	Sphagnum sp(p). (lvs/sht tips)	1
Raphanus raphanistrum (pod segs/fgts)	1	Calliargon cf. giganteum	1
Rubus fruticosus agg.	1	Hypnum cf. cupressiforme	2
Potentilla anserina	1	Pteridium aquilinum (pinn fgts)	2
Crataegus monogyna	1	Pteridium aquilinum (stalk fgts)	1
Hippuris vulgaris	1	Urtica dioica	1
cf. Anthriscus sylvestris	1	Urtica urens	1
Apium nodiflorum	1	Polygonum aviculare agg.	1
Heracleum sphondylium	1	Polygonum persicaria	1
cf. Callitriche sp(p).	1	Polygonum lapathifolium	1
Galeopsis Subgenus Galeopsis	1	Rumex acetosella agg.	1
Hyoscyamus niger	1	Chenopodium album	1
Sambucus nigra	1	Montia fontana ssp. chondrosperma	1
Carduus/Cirsium sp(p).	1	Stellaria media	1
Centaurea sp(p).	1	Ranunculus Section Ranunculus	2
Sonchus asper	1	Capsella bursa-pastoris	1
Juncus bufonius	2	Raphanus raphanistrum (pod segs/fgts)	1
Gramineae	1	Potentilla anserina	1

Potentilla cf. erecta	2	Chenopodium album	1
Erica tetralix (lvs)	1	Atriplex sp(p).	1
Calluna vulgaris (fls)	2	Montia fontana ssp. chondrosperma	1
Calluna vulgaris (rt-tw fgts)	2	Stellaria media	1
Calluna vulgaris (s)	1	Stellaria palustris/graminea	1
Calluna vulgaris (sht fgts)	1	Spergula arvensis	1
Stachys sp(p).	1	Ranunculus Section Ranunculus	1
Prunella vulgaris	1	Ranunculus flammula	1
Solanum nigrum	1	Papaver cf. rhoeas/dubium	1
Leontodon sp(p).	1	Fumaria sp(p).	1
Juncus bufonius	3	Rorippa islandica	1
Gramineae	1	Capsella bursa-pastoris	1
Scirpus setaceus	1	Thlaspi arvense	1
Carex sp(p).	1	Brassica sp(p).	1
		Raphanus raphanistrum (pod segs/fgts)	1
		Raphanus raphanistrum (s)	1
?monocot root/rhizome fgts	1	Potentilla anserina	2
?peat fgts	1	Leguminosae (fls/pet)	1
bark fgts	1	Calluna vulgaris (fls)	1
beetles	1	Calluna vulgaris (sht fgts)	1
chalk gravel	2	cf. Calluna vulgaris (rt-tw fgts)	1
Daphnia (ephippia)	1	Marrubium vulgare	1
dicot lf fgts	1	Galeopsis Subgenus Galeopsis	1
earthworm egg caps	1	Hyoscyamus niger	2
flint gravel	1	Odontites verna	1
fly puparia	1	Plantago major	1
herbaceous detritus	3	Carduus/Cirsium sp(p).	1
sand	2	Centaurea sp(p). (inv fgts)	1
twig fgts	1	Sonchus asper	1
		Juncus bufonius	2
		Gramineae	1
Context 265	Sample 15/T	cf. Gramineae (culm fgts)	1
		Scirpus lacustris sl	1
		Eleocharis palustris sl	1
Sphagnum sp(p). (sht tips)	1	?monocot root/rhizome fgts	1
Polytrichum sp(p).	1	bark fgts	1
Leucobryum glaucum	1	beetles	1
Hypnum cf. cupressiforme	1	chalk gravel	2
Hylocomium splendens	1	Daphnia (ephippia)	2
Pteridium aquilinum (pinn fgts)	2	earthworm egg caps	2
Pteridium aquilinum (stalk fgts)	1	flint gravel	1
Urtica dioica	1	fly puparia	1
Polygonum aviculare agg.	2	herbaceous detritus	2
Polygonum hydropiper	1	peat fgts	1
Polygonum persicaria	2	sand	2
Polygonum lapathifolium	1	snails	1
Bilderdykia convolvulus	1	twig fgts	1
Rumex sp(p).	1		

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Sample 6/T

cf. *Calluna vulgaris* (ch rt-tw fgts)

1

cf. *Triticum* sp(p).

1

charcoal

1

charred rhizome/root fgts

1

flint gravel

1

root/rootlet fgts

1

sand

2

twig fgts

1

*Data archive: plant and invertebrate remains from North Cave (NC95)*

*Table 3 (overleaf). Selected statistics for assemblages of adult beetles and bugs from all samples from North Cave (NC95). Explanations of the abbreviations for the insect statistics are given in Table 4. The 1986-7 material was reported before the introduction of some new ecological codes and has been included in this table for completeness.*



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Data archive: plant and invertebrate remains from North Cave (NC95)

Context	12	12	12	12	12	12	12	12	12	12	12	12	12	40	51	51	55	Context
Sample	1	2	3	4	5	9	10	11	12	14	79	81	86	38	42	43	46	Sample
Ext	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/SPT	/T	/T	/T	/T	Ext
S	0	0	1	8	13	148	129	80	6	149	0	143	21	0	60	32	5	S
N	0	0	1	9	13	238	198	106	6	255	0	200	25	0	85	36	5	N
ALPHA	0	0	0	0	0	167	160	148	0	150	0	224	60	0	90	135	0	ALPHA
SEALPHA	0	0	0	0	0	20	22	32	0	17	0	33	31	0	20	69	0	SEALPHA
SOB	0	0	1	3	8	91	79	51	3	93	0	96	14	0	36	19	3	SOB
PSOB	0	0	100	38	62	61	61	64	50	62	0	67	67	0	60	59	60	PSOB
NOB	0	0	1	3	8	137	121	69	3	166	0	136	18	0	50	21	3	NOB
PNOB	0	0	100	33	62	58	61	65	50	65	0	68	72	0	59	58	60	PNOB
ALPHAOB	0	0	0	0	0	118	98	88	0	87	0	145	0	0	57	91	0	ALPHAOB
SEALPHAOB	0	0	0	0	0	20	17	23	0	12	0	26	0	0	17	63	0	SEALPHAOB
SW	0	0	0	0	0	7	6	8	0	16	0	10	1	0	4	2	0	SW
PSW	0	0	0	0	0	5	5	10	0	11	0	7	5	0	7	6	0	PSW
NW	0	0	0	0	0	11	9	9	0	30	0	14	2	0	4	2	0	NW
PNW	0	0	0	0	0	5	5	8	0	12	0	7	8	0	5	6	0	PNW
ALPHAW	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	ALPHAW
SEALPHAW	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	SEALPHAW
SD	0	0	0	0	1	15	8	6	0	14	0	9	0	0	5	2	0	SD
PSD	0	0	0	0	8	10	6	8	0	9	0	6	0	0	8	6	0	PSD
ND	0	0	0	0	1	19	14	16	0	32	0	13	0	0	10	2	0	ND
PND	0	0	0	0	8	8	7	15	0	13	0	7	0	0	12	6	0	PND
ALPHAD	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	ALPHAD
SEALPHAD	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	SEALPHAD
SP	0	0	0	1	4	50	50	26	2	45	0	53	5	0	20	7	2	SP
PSP	0	0	0	13	31	34	39	33	33	30	0	37	24	0	33	22	40	PSP
NP	0	0	0	1	4	85	86	42	2	80	0	81	8	0	26	7	2	NP
PNP	0	0	0	11	31	36	43	40	33	31	0	41	32	0	31	19	40	PNP
ALPHAP	0	0	0	0	0	51	50	29	0	43	0	66	0	0	41	0	0	ALPHAP
SEALPHAP	0	0	0	0	0	10	10	9	0	9	0	14	0	0	19	0	0	SEALPHAP
SM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SM
PSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PSM
NM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NM
PNM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PNM
ALPHAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ALPHAM
SEALPHAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SEALPHAM
SL	0	0	0	0	0	2	3	1	0	2	0	2	0	0	0	1	0	SL
PSL	0	0	0	0	0	1	2	1	0	1	0	1	0	0	0	3	0	PSL
NL	0	0	0	0	0	2	3	1	0	2	0	2	0	0	0	1	0	NL
PNL	0	0	0	0	0	1	2	1	0	1	0	1	0	0	0	3	0	PNL

Reports from the EAU, York 96/42

Data archive: plant and invertebrate remains from North Cave (NC95)

Context	12	12	12	12	12	12	12	12	12	12	12	12	12	40	51	51	55	Context
Sample	1	2	3	4	5	9	10	11	12	14	79	81	86	38	42	43	46	Sample
Ext	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/SPT	/T	/T	/T	/T	Ext
ALPHAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ALPHAL
SEALPHAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SEALPHAL
SRT	0	0	0	2	3	26	24	18	1	29	0	23	6	0	17	10	1	SRT
PSRT	0	0	0	25	23	18	19	23	17	19	0	16	29	0	28	31	20	PSRT
NRT	0	0	0	2	3	51	41	21	1	50	0	38	6	0	28	11	1	NRT
PNRT	0	0	0	22	23	21	21	20	17	20	0	19	24	0	33	31	20	PNRT
ALPHART	0	0	0	0	0	21	25	58	0	29	0	25	0	0	19	0	0	ALPHART
SEALPHART	0	0	0	0	0	5	7	34	0	8	0	8	0	0	7	0	0	SEALPHART
SRD	0	0	0	0	0	3	2	3	0	3	0	4	0	0	2	2	0	SRD
PSRD	0	0	0	0	0	2	2	4	0	2	0	3	0	0	3	6	0	PSRD
NRD	0	0	0	0	0	11	6	4	0	4	0	7	0	0	3	2	0	NRD
PNRD	0	0	0	0	0	5	3	4	0	2	0	4	0	0	4	6	0	PNRD
ALPHARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ALPHARD
SEALPHARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SEALPHARD
SRF	0	0	0	0	1	4	4	2	0	3	0	5	3	0	4	3	0	SRF
PSRF	0	0	0	0	8	3	3	3	0	2	0	3	14	0	7	9	0	PSRF
NRF	0	0	0	0	1	4	4	2	0	7	0	8	3	0	5	3	0	NRF
PNRF	0	0	0	0	8	2	2	2	0	3	0	4	12	0	6	8	0	PNRF
ALPHARF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ALPHARF
SEALPHARF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SEALPHARF
SSA	0	0	0	0	1	7	10	5	0	12	0	6	0	0	6	6	1	SSA
PSSA	0	0	0	0	8	5	8	6	0	8	0	4	0	0	10	19	20	PSSA
NSA	0	0	0	0	1	10	17	6	0	16	0	11	0	0	9	6	1	NSA
PNSA	0	0	0	0	8	4	9	6	0	6	0	6	0	0	11	17	20	PNSA
ALPHASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ALPHASA
SEALPHASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SEALPHASA
SSF	0	0	0	0	1	5	8	3	0	10	0	4	0	0	5	6	1	SSF
PSSF	0	0	0	0	8	3	6	4	0	7	0	3	0	0	8	19	20	PSSF
NSF	0	0	0	0	1	6	14	3	0	14	0	7	0	0	7	6	1	NSF
PNSF	0	0	0	0	8	3	7	3	0	5	0	4	0	0	8	17	20	PNSF
ALPHASF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ALPHASF
SEALPHASF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SEALPHASF
SST	0	0	0	0	0	2	2	2	0	2	0	2	0	0	1	0	0	SST
PSST	0	0	0	0	0	1	2	3	0	1	0	1	0	0	2	0	0	PSST
NST	0	0	0	0	0	4	3	3	0	2	0	4	0	0	2	0	0	NST
PNST	0	0	0	0	0	2	2	3	0	1	0	2	0	0	2	0	0	PNST
ALPHAST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ALPHAST
SEALPHAST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SEALPHAST

*Reports from the EAU, York 96/42*

*Data archive: plant and invertebrate remains from North Cave (NC95)*

Context	12	12	12	12	12	12	12	12	12	12	12	12	12	12	40	51	51	55	Context
Sample	1	2	3	4	5	9	10	11	12	14	79	81	86	38	42	43	46	Sample	
Ext	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/SPT	/T	/T	/T	/T	Ext	
SSS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SSS
PSSS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PSSS
NSS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NSS
PNSS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PNSS
ALPHASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ALPHASS
SEALPHASS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SEALPHASS
SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SG
PSG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PSG
NG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NG
PNG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PNG
ALPHAG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ALPHAG
SEALPHAG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SEALPHAG

Context	56	57	57	69	69	102	102	289	335	335	343	151	211	263	265	316	Σ	Context
Sample	51	53	55	57	97	62	63	88	89	90	92	2	3	11	15	6		Sample
Ext	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T		Ext
S	29	38	34	40	1	18	32	0	0	0	1	0	82	52	88	0	465	S
N	30	47	42	47	1	22	35	0	0	0	1	0	109	62	131	0	1704	N
ALPHA	389	91	82	125	0	48	175	0	0	0	0	0	150	150	117	0	211	ALPHA
SEALPHA	346	33	31	50	0	27	100	0	0	0	0	0	32	50	20	0	8	SEALPHA
SOB	15	24	19	22	0	8	14	0	0	0	0	0	57	31	51	0	309	SOB
PSOB	52	63	56	55	0	44	44	0	0	0	0	0	70	60	58	0	66	PSOB
NOB	16	25	23	24	0	9	15	0	0	0	0	0	81	36	72	0	1037	NOB
PNOB	53	53	55	51	0	41	43	0	0	0	0	0	74	58	55	0	61	PNOB
ALPHAOB	0	268	50	121	0	0	0	0	0	0	0	0	85	104	77	0	149	ALPHAOB
SEALPHAOB	0	239	26	83	0	0	0	0	0	0	0	0	19	48	19	0	7	SEALPHAOB
SW	2	3	5	5	0	3	2	0	0	0	0	0	14	5	11	0	39	SW
PSW	7	8	15	13	0	17	6	0	0	0	0	0	17	10	13	0	8	PSW
NW	2	4	7	5	0	3	2	0	0	0	0	0	28	6	23	0	161	NW
PNW	7	9	17	11	0	14	6	0	0	0	0	0	26	10	18	0	9	PNW
ALPHAW	0	0	0	0	0	0	0	0	0	0	0	0	11	0	8	0	16	ALPHAW
SEALPHAW	0	0	0	0	0	0	0	0	0	0	0	0	4	0	3	0	2	SEALPHAW
SD	1	3	4	3	0	1	0	0	0	0	0	0	11	4	8	0	40	SD
PSD	3	8	12	8	0	6	0	0	0	0	0	0	13	8	9	0	9	PSD
ND	1	9	6	7	0	3	0	0	0	0	0	0	18	6	13	0	170	ND
PND	3	19	14	15	0	14	0	0	0	0	0	0	17	10	10	0	10	PND
ALPHAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	ALPHAD
SEALPHAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	SEALPHAD
SP	3	10	4	6	0	1	6	0	0	0	0	0	24	15	16	0	157	SP
PSP	10	26	12	15	0	6	19	0	0	0	0	0	29	29	18	0	34	PSP
NP	3	10	4	7	0	1	6	0	0	0	0	0	29	16	22	0	522	NP
PNP	10	21	10	15	0	5	17	0	0	0	0	0	27	26	17	0	31	PNP
ALPHAP	0	0	0	0	0	0	0	0	0	0	0	0	64	0	27	0	76	ALPHAP
SEALPHAP	0	0	0	0	0	0	0	0	0	0	0	0	30	0	13	0	5	SEALPHAP
SM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SM
PSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PSM
NM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NM
PNM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PNM
ALPHAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ALPHAM
SEALPHAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SEALPHAM
SL	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0	6	SL
PSL	0	3	0	3	0	0	0	0	0	0	0	0	0	2	1	0	1	PSL
NL	0	1	0	1	0	0	0	0	0	0	0	0	0	1	3	0	17	NL

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Data archive: plant and invertebrate remains from North Cave (NC95)

	0	2	0	2	0	0	0	0	0	0	0	0	0	2	2	0	1	PNL
Context	56	57	57	69	69	102	102	289	335	335	343	151	211	263	265	316	Σ	Context
Sample	51	53	55	57	97	62	63	88	89	90	92	2	3	11	15	6		Sample
Ext	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T		Ext
ALPHAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ALPHAL
SEALPHAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SEALPHAL
SRT	13	8	11	8	0	7	11	0	0	0	0	0	16	12	27	0	219	SRT
PSRT	45	21	32	20	0	39	34	0	0	0	0	0	20	23	31	0	47	PSRT
NRT	13	15	16	14	0	11	13	0	0	0	0	0	21	17	45	0	418	NRT
PNRT	43	32	38	30	0	50	37	0	0	0	0	0	19	27	34	0	25	PNRT
ALPHART	0	0	0	0	0	0	0	0	0	0	0	0	32	0	29	0	186	ALPHART
SEALPHART	0	0	0	0	0	0	0	0	0	0	0	0	16	0	8	0	16	SEALPHART
SRD	2	0	0	2	0	2	3	0	0	0	0	0	1	5	8	0	42	SRD
PSRD	7	0	0	5	0	11	9	0	0	0	0	0	1	10	9	0	9	PSRD
NRD	2	0	0	3	0	2	3	0	0	0	0	0	1	5	13	0	66	NRD
PNRD	7	0	0	6	0	9	9	0	0	0	0	0	1	8	10	0	4	PNRD
ALPHARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	ALPHARD
SEALPHARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	SEALPHARD
SRF	6	5	3	1	0	2	4	0	0	0	0	0	3	3	8	0	64	SRF
PSRF	21	13	9	3	0	11	13	0	0	0	0	0	4	6	9	0	14	PSRF
NRF	6	5	4	2	0	3	5	0	0	0	0	0	5	6	12	0	85	NRF
PNRF	20	11	10	4	0	14	14	0	0	0	0	0	5	10	9	0	5	PNRF
ALPHARF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	117	ALPHARF
SEALPHARF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	SEALPHARF
SSA	8	1	4	3	0	4	4	0	0	0	0	0	6	7	14	0	46	SSA
PSSA	28	3	12	8	0	22	13	0	0	0	0	0	7	13	16	0	10	PSSA
NSA	8	1	6	4	0	5	4	0	0	0	0	0	6	7	22	0	140	NSA
PNSA	27	2	14	9	0	23	11	0	0	0	0	0	6	11	17	0	8	PNSA
ALPHASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	24	ALPHASA
SEALPHASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	3	SEALPHASA
SSF	5	0	3	2	0	4	2	0	0	0	0	0	3	6	12	0	33	SSF
PSSF	17	0	9	5	0	22	6	0	0	0	0	0	4	12	14	0	7	PSSF
NSF	5	0	5	2	0	5	2	0	0	0	0	0	3	6	20	0	107	NSF
PNSF	17	0	12	4	0	23	6	0	0	0	0	0	3	10	15	0	6	PNSF
ALPHASF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	16	ALPHASF
SEALPHASF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	3	SEALPHASF
SST	3	1	1	1	0	0	2	0	0	0	0	0	3	1	2	0	13	SST
PSST	10	3	3	3	0	0	6	0	0	0	0	0	4	2	2	0	3	PSST
NST	3	1	1	2	0	0	2	0	0	0	0	0	3	1	2	0	33	NST
PNST	10	2	2	4	0	0	6	0	0	0	0	0	3	2	2	0	2	PNST
ALPHAST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	ALPHAST
SEALPHAST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	SEALPHAST

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*Data archive: plant and invertebrate remains from North Cave (NC95)*

Context	12	12	12	12	12	12	12	12	12	12	12	12	12	12	40	51	51	55	Σ	Context
Sample	1	2	3	4	5	9	10	11	12	14	79	81	86	38	42	43	46		Sample	
Ext	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/T	/SPT	/T	/T	/T	/T		Ext	
SSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SSS
PSSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PSSS
NSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NSS
PNSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PNSS
ALPHASS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ALPHASS
SEALPHASS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SEALPHASS
SG		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SG
PSG		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PSG
NG		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NG
PNG		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PNG
ALPHAG		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ALPHAG
SEALPHAG		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SEALPHAG

Table 4. Explanation of ecological codes for insect lists. Lower case codes in parentheses are those assigned to taxa and used to calculate the group values (codes in capitals). See main report for an outline of the way these statistics are employed in interpretation. indivs = individuals.

No. taxa	S	Percentage of indivs of grain pests	%NG
Estimated number of indivs (MNI)	N	No. decomposer taxa (rt+rd+rf)	SRT
Index of diversity ( $\alpha$ )	alpha	Percentage of RT taxa	%SRT
Standard error of alpha	SE alpha	No. RT indivs	NRT
No. 'certain' outdoor taxa (oa)	SOA	Percentage of RT indivs	%NRT
Percentage of 'certain' outdoor taxa	%SOA	Index of diversity of the RT component	alpha RT
No. 'certain' outdoor indivs	NOA	Standard error	SEalphaRT
Percentage of 'certain' outdoor indivs	%NOA	No. 'dry' decomposer taxa (rd)	SRD
No. OA and probable outdoor taxa (oa+ob)	SOB	Percentage of RD taxa %	SRD
Percentage of OB taxa	%SOB	No. RD indivs	NRD
No. OB indivs	NOB	Percentage of RD indivs	%NRD
Percentage OB indivs	%NOB	Index of diversity of the 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	%SRF
Percentage of aquatic taxa	%SW	No. RF indivs	NRF
No. aquatic indivs	NW	Percentage of RF indivs	%NRF
Percentage of W indivs	%NW	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	%SD	No. synanthropic indivs	NSA
No. damp D indivs	ND	Percentage of SA indivs	PNSA
Percentage of D indivs	%ND	Index of diversity of the 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	%SP	No. SF indivs	NSF
No. strongly P indivs	NP	Percentage of SF indivs	PNSF
Percentage of P indivs	%NP	Index of diversity of the 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	%SM	No. ST indivs	NST
No. M indivs	NM	Percentage of ST indivs	PNST
Percentage of M indivs	%NM	Index of diversity of the 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	%SL	No. SS indivs	NSS
No. L indivs	NL	Percentage of SS indivs	PNSS
Percentage of L indivs	%NL	Index of diversity of the 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 5. Complete lists of insects and some other invertebrates from samples from North Cave (NC95). Taxa are in rank order of abundance and then taxonomic order within each list except for taxa labelled with an asterisk, which were not used for calculating main statistics. In the column immediately following the number, a blank indicates fully-quantitative recording; s—'several'; m—'many'; see Kenward 1992.

Context 151 Sample 2 /T			Stenus sp. B	1		u
			Lathrobium sp.	1		u
No records of invertebrate remains			Rugilus orbiculatus	1		rt-sf
			Rugilus rufipes	1		rt-st
			Xantholinus longiventris	1		rt-sf
Context 211 Sample 3 /T			Philonthus sp.	1		u
			Staphylinus sp.	1		u
Ochthebius minimus	8	oa-w	Tachyporus sp. A	1		u
Lesteva longoelytrata	4	oa-d	Tachyporus sp. B	1		u
Auchenorhyncha sp. E	3	oa-p	Tachinus ?signatus	1		u
Haliplus sp.	3	oa-w	Aleocharinae sp. A	1		u
Helophorus sp. A	3	oa-w	Aleocharinae sp. B	1		u
Anotylus nitidulus	3	rt-d	Geotrupes sp.	1		oa-rf
Aphodius ?prodromus	3	ob-rf	Aphodius sp.	1		ob-rf
Tanysphyrus lemnae	3	oa-w-p	Phyllopertha horticola	1		oa-p
Auchenorhyncha sp. B	2	oa-p	Simplocaria sp.	1		oa-p
Megasternum obscurum	2	rt	Agriotes obscurus	1		oa-p
Hydraena testacea	2	oa-w	Elateridae sp.	1		ob
Cyphon sp.	2	oa-d	Orthoperus sp.	1		rt
Dryops sp.	2	oa-d	Coccinella undecimpunctata	1		oa-p
Heteroptera sp.	1	u	Coccinellidae sp.	1		oa-p
Aphrodes flavostriatus	1	oa-p-d	Lathridius minutus group	1		rd-st
Auchenorhyncha sp. A	1	oa-p	Chrysomelinae sp. A	1		oa-p
Auchenorhyncha sp. C	1	oa-p	Chrysomelinae sp. B	1		oa-p
Auchenorhyncha sp. D	1	oa-p	Chrysomelinae sp. C	1		oa-p
Notiophilus palustris	1	oa	Chrysomelinae sp. D	1		oa-p
Blethisa multipunctata	1	oa-d	Crepidodera sp.	1		oa-p
Elaphrus ?cupreus	1	oa-d	Apion sp.	1		oa-p
Bembidion sp.	1	oa	?Trachyploeus sp.	1		oa-p
Pterostichus nigrita	1	oa-d	Phyllobius sp.	1		oa-p
Pterostichus sp. A	1	ob	Hypera nigrirostris	1		oa-p
Pterostichus sp. B	1	ob	Notaris acridulus	1		oa-d-p
Pterostichus sp. C	1	ob	Ceuthorhynchinae sp.	1		oa-p
Agonum sp.	1	oa	Gymnetron sp.	1		oa-p
Harpalus rufipes	1	oa				
Carabidae sp.	1	ob	*?Heterodera sp. (cyst)	15	m	u
Hydroporinae sp.	1	oa-w	*Acarina sp.	15	m	u
Agabus bipustulatus	1	oa-w	*Daphnia sp. (ephippium)	15	m	oa-w
Helophorus sp. B	1	oa-w	*Opiliones sp.	6	s	u
?Coelostoma orbiculare	1	oa-w	*Coleoptera sp. (larva)	6	s	u
Hydrobius fuscipes	1	oa-w	*Diptera sp. (adult)	6	s	u
Hydrophilinae sp. A	1	oa-w	*Oligochaeta sp. (egg capsule)	6	s	u
Hydrophilinae sp. B	1	oa-w	*Insecta sp. pupa	6	s	u
Hydrophilinae sp. C	1	oa-w	*Formicidae sp.	3		u
Ochthebius sp.	1	oa-w	*Dermaptera sp.	1		u
Acrotrichis sp.	1	rt				
Micropeplus staphylinoides	1	rt	Context 263 Sample 11 /T			
Xylodromus ?concinnus	1	rt-st				
?Planeustomus palpalis	1	rt	Aphodius ?prodromus	4		ob-rf
Carpelimus ?bilineatus	1	rt-sf	Anotylus nitidulus	3		rt-d
Carpelimus ?elongatulus	1	oa-d	Helophorus sp.	2		oa-w
Carpelimus ?rivularis	1	ob-d	Philonthus or Quedius sp.	2		u
Carpelimus sp.	1	u	Aleocharinae sp. B	2		u
Anotylus rugosus	1	rt	Aleocharinae sp. D	2		u
Stenus sp. A	1	u	Brachypterus urticae	2		oa-p



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Lygaeidae sp.	1	oa-p
Auchenorhyncha sp. A	1	oa-p
Auchenorhyncha sp. B	1	oa-p
Nebria brevicollis	1	oa
Dyschirius ?globosus	1	oa
Trechus quadristriatus	1	oa
Trechus secalis	1	oa-d
Agabus sp.	1	oa-w
Helophorus aquaticus or grandis	1	oa-w
Cercyon sp.	1	u
Megasternum obscurum	1	rt
Ochthebius minimus	1	oa-w
Limnebius sp.	1	oa-w
Platystethus nitens	1	oa-d
Xantholinus ?linearis	1	rt-sf
Philonthus sp. A	1	u
Philonthus sp. B	1	u
Tachyporus sp.	1	u
Tachinus sp.	1	u
Aleocharinae sp. A	1	u
Aleocharinae sp. C	1	u
Aphodius ?granarius	1	ob-rf
Aphodius sp.	1	ob-rf
Phyllopertha horticola	1	oa-p
Byrrhidae sp.	1	oa-p
Elateridae sp.	1	ob
Anobium ?punctatum	1	l-sf
Ptinus sp.	1	rd-sf
Kateretes ?pedicularis	1	oa-p-d
Meligethes sp. A	1	oa-p
Meligethes sp. B	1	oa-p
Cryptophagus sp. A	1	rd-sf
Cryptophagus sp. B	1	rd-sf
?Atomaria sp.	1	rd
Lathridius minutus group	1	rd-st
Corticaria sp.	1	rt-sf
Chrysomelinae sp. A	1	oa-p
Chrysomelinae sp. B	1	oa-p
Phyllotreta sp.	1	oa-p
Halticinae sp.	1	oa-p
Apion sp.	1	oa-p
Ceuthorhynchinae sp.	1	oa-p
Curculionidae sp.	1	oa
Curculionidae sp. A	1	oa
Coleoptera sp.	1	u
*?Heterodera sp. (cyst)	300 e	u
*Daphnia sp. (ephippium)	200 e	oa-w
*Coleoptera sp. (larva)	15 m	u
*Acarina sp.	15 m	u
*Oligochaeta sp. (egg capsule)	15 m	u
*Diptera sp. (larva)	15 m	u
*Diptera sp. (adult)	6 s	u
*Diptera sp. (puparium)	6 s	u

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Anotylus nitidulus	6	rt-d
Helophorus sp. A	5	oa-w
Aleocharinae sp. D	5	u
Helophorus sp. B	4	oa-w
Ochthebius minimus	4	oa-w
Brachypterus urticae	4	oa-p
Xantholinus longiventris	3	rt-sf

Data archive: plant and invertebrate remains from North Cave (NC95)

Aphodius prodromus	3	ob-rf
Anobium punctatum	3	l-sf
Atomaria sp. A	3	rd
Apion sp.	3	oa-p
Auchenorhyncha sp. A	2	oa-p
Helophorus aequalis	2	oa-w
Helophorus grandis	2	oa-w
Cercyon ?haemorrhoidalis	2	rf-sf
Anotylus rugosus	2	rt
Aleocharinae sp. A	2	u
Aphodius granarius	2	ob-rf
Oxyomus sylvestris	2	rt-sf
Cryptophagus sp. A	2	rd-sf
Cryptophagus sp. B	2	rd-sf
Atomaria sp. B	2	rd
Lygaeidae sp. A	1	oa-p
Lygaeidae sp. B	1	oa-p
Saldula sp.	1	oa-d
Auchenorhyncha sp. B	1	oa-p
Auchenorhyncha sp. C	1	oa-p
Bembidion lunulatum	1	oa-d
Pterostichus (Poecilus) sp.	1	oa
Pterostichus sp.	1	ob
Calathus fuscipes	1	oa
Calathus mollis	1	oa
Amara sp.	1	oa
Harpalus sp.	1	oa
Carabidae sp. A	1	ob
Carabidae sp. B	1	ob
Hydroporinae sp. A	1	oa-w
Hydroporinae sp. B	1	oa-w
Agabus sp.	1	oa-w
Cercyon ?pygmaeus	1	rf-st
Cercyon ?tristis	1	oa-d
Cercyon sp.	1	u
Megasternum obscurum	1	rt
Hydrobius fuscipes	1	oa-w
Laccobius bipunctatus or minutus	1	oa-w
Hydrophilinae sp.	1	oa-w
Histerinae sp.	1	rt
?Lesteva longolytrata	1	oa-d
Carpelimus ?bilineatus	1	rt-sf
Carpelimus sp. A	1	u
Carpelimus sp. B	1	u
Platystethus nitens	1	oa-d
Stenus sp. A	1	u
Stenus sp. B	1	u
Stenus sp. C	1	u
Philonthus sp. A	1	u
Philonthus sp. B	1	u
Philonthus sp. C	1	u
Staphylininae sp.	1	u
Tachyporus sp.	1	u
Aleocharinae sp. B	1	u
Aleocharinae sp. C	1	u
Geotrupes sp.	1	oa-rf
Aphodius sp. A	1	ob-rf
Aphodius sp. B	1	ob-rf
Aphodius sp. C	1	ob-rf
Phyllopertha horticola	1	oa-p
Clambus sp.	1	rt-sf
Dryops sp.	1	oa-d
Elateridae sp. A	1	ob
Elateridae sp. B	1	ob

Ptinus ?fur	1		rd-sf
?Ptinidae sp.	1		rd
Kateretes ?pedicularis	1		oa-p-d
Monotoma sp.	1		rt-sf
Ephistemus globulus	1		rd-sf
Phalacridae sp.	1		oa-p
Orthoperus sp.	1		rt
Lathridius minutus group	1		rd-st
Enicmus sp.	1		rt-sf
Gastrophysa polygoni	1		oa-p
Chaetocnema concinna	1		oa-p
?Psylliodes sp.	1		oa-p
Sitona lepidus	1		oa-p
Ceutorhynchus ?erysimi	1		oa-p
Ceuthorhynchinae sp.	1		oa-p
Curculionidae sp. A	1		oa
Curculionidae sp. B	1		oa
*Opiliones sp.	15	m	u
*Coleoptera sp. (larva)	15	m	u
*?Heterodera sp. (cyst)	15	m	u
*Acarina sp.	15	m	u
*Daphnia sp. (ephippium)	15	m	oa-w
*Diptera sp. (larva)	15	m	u
*Diptera sp. (adult)	6	s	u
*Oligochaeta sp. (egg capsule)	6	s	u
*Insecta sp. pupa	6	s	u
*Sphaeroceridae sp. (puparium)	5		rt
*Bibionidae sp.	3		u
*Hemiptera sp. (nymph)	2		u
*Diptera sp. A (puparium)	2		u
*Aranae sp.	1		u
*Dermaptera sp.	1		u
*Ostracoda sp.	1		u
*Diptera sp. B (puparium)	1		u
*Diptera sp. C (puparium)	1		u

Context 316 Sample 6 /T

No records of invertebrate remains

Table 6. Records of molluscs from North Cave (NC86-7 and NC95). Samples 22, 25 and 28 were recorded by Dr T. P. O'Connor, 2 and 3 by JBC (with critical identifications checked by HKK). Taxonomy follows Kerney and Cameron (1979).

	Context:	14	19	19	151	211
	Sample:	22	25	28	2	3
<b>Taxa</b>						
<i>Carychium</i> sp.		0	0	1	0	0
<i>Aplexa hypnorum</i> (Linnaeus)		0	0	1	0	0
<i>Lymnaea peregra</i> (Müller)		0	0	2	0	0
<i>Anisus leucostoma</i> (Millet)		0	0	0	376	21
<i>Anisus vortex</i> (Linnaeus)		3	3	33	0	0
<i>Succinea putris</i> (Linnaeus)		1	0	0	0	0
<i>Succinea ?putris</i> (Linnaeus)		0	0	0	4	1
Succineidae sp. indet.		0	0	0	20	0
<i>Cochlicopa lubrica</i> (Müller)		0	6	0	0	0
? <i>Cochlicopa lubricella</i> (Porro)		0	0	0	1	0
<i>Vertigo pygmaea</i> (Draparnaud)		0	0	0	1	0
<i>Pupilla muscorum</i> (Linnaeus)		0	0	0	1	1
<i>Vallonia costata</i> (Müller)		0	3	2	0	0
<i>Vallonia ?costata</i> (Müller)		0	0	0	9	0
<i>V. excentrica</i> Sterki		0	0	5	0	0
<i>Vitrea crystallina</i> (Müller)		1	0	0	0	0
<i>Aegopinella nitidula</i> (Draparnaud)		0	1	0	0	0
? <i>Aegopinella</i> sp.		0	0	0	1	1
<i>Oxychilus alliarius</i> (Miller)		0	2	0	0	0
<i>Trichia plebeia</i> (Draparnaud)		0	2	0	0	0
<i>Ashfordia granulata</i> (Alder)		0	0	1	0	0
<i>Trichia hispida</i> agg.		0	0	1	0	0
<i>Pisidium personatum</i> Malm		0	0	3	0	0
<i>Pisidium/Sphaerium</i> sp.		0	0	0	39	3