

Appendix

Data for assemblages of adult beetles and bugs

Main statistics and species lists in rank order for the scan recorded assemblages from four sites in Lincoln. Nomenclature follows Kloet and Hincks (1964-7). Data are given in site, then sample number, order.

Site: WF89 Context: 761 Sample: 57/TA - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

Number of individuals estimated as	N =	109
Number of taxa	S =	79
Index of diversity (alpha)	alpha =	128
Standard error of alpha	SE alpha =	26
Number of 'certain' outdoor taxa	SOA =	18
Percentage of 'certain' outdoor taxa	%SOA =	23
Number of 'certain' outdoor individuals	NOA =	18
Percentage of 'certain' outdoor individuals	%NOA =	17
Number of 'certain' and probable outdoor taxa	SOB =	27
Percentage of 'certain' and probable outdoor taxa	%SOB =	34
Number of 'certain' and probable outdoor individuals	NOB =	27
Percentage 'certain' and probable outdoor individuals	%NOB =	25
Diversity index for OB not calculated, NOB = SOB or NOB < 20		
Number of aquatic taxa	SW =	8
Percentage of aquatic taxa	%SW =	10
Number of aquatic individuals	NW =	8
Percentage of aquatic individuals	%NW =	7
Number of damp ground/waterside taxa	SD =	8
Percentage of damp ground/waterside taxa	%SD =	10
Number of damp ground/waterside individuals	ND =	8
Percentage of damp ground/waterside individuals	%ND =	7
Number of strongly plant-associated taxa	SP =	4
Percentage of strongly plant-associated taxa	%SP =	5
Number of strongly plant-associated individuals	NP =	4
Percentage of strongly plant-associated individuals	%NP =	4
Number of heathland/moorland taxa	SM =	0
Number of heathland/moorland individuals	NM =	0
Percentage of heathland/moorland individuals	%NM =	0
Number of wood-associated taxa	SL =	2
Number of wood-associated individuals	NL =	4
Percentage of wood-associated individuals	%NL =	4
Number of decomposer taxa	SRT =	37
Percentage of decomposer taxa	%SRT =	47
Number of decomposer individuals	NRT =	56
Percentage of decomposer individuals	%NRT =	51
Number of 'dry' decomposer taxa	SRD =	7
Percentage of 'dry' decomposer taxa	%SRD =	9
Number of 'dry' decomposer individuals	NRD =	11
Percentage of 'dry' decomposer individuals	%NRD =	10
Number of 'foul' decomposer taxa	SRF =	9
Percentage of 'foul' decomposer taxa	%SRF =	11
Number of 'foul' decomposer individuals	NRF =	14
Percentage of 'foul' decomposer individuals	%NRF =	13
Index of diversity of decomposer component	alpha RT =	48
Standard error	SE alpha RT =	13
Number of individuals of grain pests	NG =	9
Percentage of individuals of grain pests	%NG =	8
Number of individuals of grain pests	NG =	9
Number of uncoded taxa	SU =	13
Percentage of uncoded individuals	PNU =	16

Site: WF89 Context: 761 Sample: 57/TA - species list in rank order

Taxon	Number	%	Rank	Ecodes
Oryzaephilus surinamensis (Linnaeus)	4	4	1	g
Cercyon haemorrhoidalis (Fabricius)	3	3	2	rf
Carpelimus fuliginosus (Gravenhorst)	3	3	2	u
Carpelimus sp.	3	3	2	u
Platystethus arenarius (Fourcroy)	3	3	2	rf
Falagria caesa or sulcatula	3	3	2	rt
Anobium punctatum (Degeer)	3	3	2	l
Tipnus unicolor (Piller & Mitterpacher)	3	3	2	rd
Aglenus brunneus (Gyllenhal)	3	3	2	rt
Sitophilus granarius (Linnaeus)	3	3	2	g
Cercyon atricapillus (Marsham)	2	2	11	rf
Acritus nigricornis (Hoffmann)	2	2	11	rt
Ptenidium sp.	2	2	11	rt
Carpelimus ?bilineatus Stephens	2	2	11	rt
Oxytelus sculptus Gravenhorst	2	2	11	rt
Ptinus sp.	2	2	11	rd
Monotoma ?picipes Herbst	2	2	11	rt
Cryptophagus sp.	2	2	11	rd
Anthicus ?formicarius (Goeze)	2	2	11	rt
Lygaeidae sp.	1	1	20	oa p
Lyctocoris campestris (Fabricius)	1	1	20	rd
Saldidae sp.	1	1	20	oa d
Corixidae sp.	1	1	20	oa w
?Pterostichus sp.	1	1	20	ob
Carabidae sp. A	1	1	20	ob
Carabidae sp. B	1	1	20	ob
Hydroporinae sp.	1	1	20	oa w
Gyrinus sp.	1	1	20	oa w
Helophorus sp.	1	1	20	oa w
Cercyon analis (Paykull)	1	1	20	rt
Cercyon terminatus (Marsham)	1	1	20	rf
Cercyon unipunctatus (Linnaeus)	1	1	20	rf
Megasternum obscurum (Marsham)	1	1	20	rt
Hydrophilinae sp.	1	1	20	oa w
Ochthebius minimus (Fabricius)	1	1	20	oa w
Ochthebius sp.	1	1	20	oa w
Limnebius sp.	1	1	20	oa w
Lesteva sp.	1	1	20	oa d
Omalium sp.	1	1	20	rt
Carpelimus ?rivularis (Motschulsky)	1	1	20	ob d
Platystethus degener Mulsant & Rey	1	1	20	oa d
Platystethus nitens (Sahlberg)	1	1	20	oa d
Anotylus complanatus (Erichson)	1	1	20	rt
Anotylus nitidulus (Gravenhorst)	1	1	20	rt d
Anotylus rugosus (Fabricius)	1	1	20	rt
Leptacinus sp.	1	1	20	rt
Philonthus sp.	1	1	20	u
Staphylininae sp. A	1	1	20	u
Staphylininae sp. B	1	1	20	u
Tachinus ?signatus Gravenhorst	1	1	20	u

Crataraea suturalis (Mannerheim)	1	1	20	rt	Number of strongly plant-associated taxa	SP =	2
Aleochara sp.	1	1	20	u	Percentage of strongly plant-associated taxa	%SP =	4
Aleocharinae sp. A	1	1	20	u	Number of strongly plant-associated individuals	NP =	2
Aleocharinae sp. B	1	1	20	u	Percentage of strongly plant-associated individuals	%NP =	3
Aleocharinae sp. C	1	1	20	u	Number of heathland/moorland taxa	SM =	0
Aleocharinae sp. D	1	1	20	u	Number of heathland/moorland individuals	NM =	0
Trox scaber (Linnaeus)	1	1	20	rt	Percentage of heathland/moorland individuals	%NM =	0
Aphodius sp. A	1	1	20	ob rf	Number of wood-associated taxa	SL =	1
Aphodius sp. B	1	1	20	ob rf	Number of wood-associated individuals	NL =	2
Aphodius sp. C	1	1	20	ob rf	Percentage of wood-associated individuals	%NL =	3
Aphodius sp. D	1	1	20	ob rf	Number of decomposer taxa	SRT =	24
Cyphon sp.	1	1	20	oa d	Percentage of decomposer taxa	%SRT =	51
Elateridae sp.	1	1	20	ob	Number of decomposer individuals	NRT =	34
Lyctus linearis (Goeze)	1	1	20	l	Percentage of decomposer individuals	%NRT =	49
Tenebroides mauritanicus (Linnaeus)	1	1	20	rt	Number of 'dry' decomposer taxa	SRD =	6
Meligethes sp.	1	1	20	oa p	Percentage of 'dry' decomposer taxa	%SRD =	13
Monotoma ?spiniicollis Aube	1	1	20	rt	Number of 'dry' decomposer individuals	NRD =	9
Cryptolestes ferrugineus (Stephens)	1	1	20	g	Percentage of 'dry' decomposer individuals	%NRD =	13
Cryptophagus ?scutellatus Newman	1	1	20	rd	Number of 'foul' decomposer taxa	SRF =	6
?Atomaria sp.	1	1	20	rd	Percentage of 'foul' decomposer taxa	%SRF =	13
Corticaria sp. A	1	1	20	rt	Number of 'foul' decomposer individuals	NRF =	8
Corticaria sp. B	1	1	20	rt	Percentage of 'foul' decomposer individuals	%NRF =	12
Typhaea stercorea (Linnaeus)	1	1	20	rd	Index of diversity of decomposer component	alpha RT =	37
Palorus ?ratzeburgi (Wissman)	1	1	20	g	Standard error	SE alpha RT =	13
Prasocuris phellandrii (Linnaeus)	1	1	20	oa p d	Number of individuals of grain pests	NG =	14
Longitarsus sp.	1	1	20	oa p	Percentage of individuals of grain pests	%NG =	20
Curculionidae sp.	1	1	20	oa	NB - over 10% grain pests and n > 50: for corrected re-run see over.		
Coleoptera sp.	1	1	20	u	Number of individuals of grain pests	NG =	14
Coleoptera sp. A	1	1	20	u	Number of uncoded taxa	SU =	10
					Percentage of uncoded individuals	PNU =	14

Site: WF89 Context: 758 Sample: 58/TA - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

Number of individuals estimated as	N =	69
Number of taxa	S =	47
Index of diversity (alpha)	alpha =	64
Standard error of alpha	SE alpha =	15
Number of 'certain' outdoor taxa	SOA =	10
Percentage of 'certain' outdoor taxa	%SOA =	21
Number of 'certain' outdoor individuals	NOA =	10
Percentage of 'certain' outdoor individuals	%NOA =	14
Number of 'certain' and probable outdoor taxa	SOB =	12
Percentage of 'certain' and probable outdoor taxa	%SOB =	26
Number of 'certain' and probable outdoor individuals	NOB =	12
Percentage 'certain' and probable outdoor individuals	%NOB =	17
Diversity index for OB not calculated, NOB = SOB or NOB < 20		
Number of aquatic taxa	SW =	1
Percentage of aquatic taxa	%SW =	2
Number of aquatic individuals	NW =	1
Percentage of aquatic individuals	%NW =	1
Number of damp ground/waterside taxa	SD =	5
Percentage of damp ground/waterside taxa	%SD =	11
Number of damp ground/waterside individuals	ND =	5
Percentage of damp ground/waterside individuals	%ND =	7

Site: WF89 Context: 758 Sample: 58/TA - beetle/bug main statistics re-run after subtraction of grain pest component

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

Number of individuals estimated as	N =	55
Number of taxa	S =	44
Index of diversity (alpha)	alpha =	101
Standard error of alpha	SE alpha =	33
Number of 'certain' outdoor taxa	SOA =	10
Percentage of 'certain' outdoor taxa	%SOA =	23
Number of 'certain' outdoor individuals	NOA =	10
Percentage of 'certain' outdoor individuals	%NOA =	18
Number of 'certain' and probable outdoor taxa	SOB =	12
Percentage of 'certain' and probable outdoor taxa	%SOB =	27
Number of 'certain' and probable outdoor individuals	NOB =	12
Percentage 'certain' and probable outdoor individuals	%NOB =	22
Diversity index for OB not calculated, NOB = SOB or NOB < 20		
Number of aquatic taxa	SW =	1
Percentage of aquatic taxa	%SW =	2
Number of aquatic individuals	NW =	1
Percentage of aquatic individuals	%NW =	2
Number of damp ground/waterside taxa	SD =	5
Percentage of damp ground/waterside taxa	%SD =	11
Number of damp ground/waterside individuals	ND =	5

Percentage of damp ground/waterside individuals	%ND = 9	Platystethus cornutus group	1	1	10	oa	d
Number of strongly plant-associated taxa	SP = 2	Platystethus nitens (Sahlberg)	1	1	10	oa	d
Percentage of strongly plant-associated taxa	%SP = 5	Anotylus nitidulus (Gravenhorst)	1	1	10	rt	d
Number of strongly plant-associated individuals	NP = 2	Anotylus tetracarlinatus (Block)	1	1	10	rt	
Percentage of strongly plant-associated individuals	%NP = 4	Leptacinus sp.	1	1	10	rt	
Number of heathland/moorland taxa	SM = 0	Neobisnius sp.	1	1	10	u	
Number of heathland/moorland individuals	NM = 0	Philonthus or Gabrius sp.	1	1	10	u	
Percentage of heathland/moorland individuals	%NM = 0	Staphylininae sp.	1	1	10	u	
Number of wood-associated taxa	SL = 1	Falagria or Cordalia sp.	1	1	10	rt	
Number of wood-associated individuals	NL = 2	Crataraea suturalis (Mannerheim)	1	1	10	rt	
Percentage of wood-associated individuals	%NL = 4	Aleochara sp.	1	1	10	u	
Number of decomposer taxa	SRT = 24	Aleocharinae sp.	1	1	10	u	
Percentage of decomposer taxa	%SRT = 55	Geotrupes sp.	1	1	10	oa	rf
Number of decomposer individuals	NRT = 34	Aphodius ?granarius (Linnaeus)	1	1	10	ob	rf
Percentage of decomposer individuals	%NRT = 62	Aphodius sp.	1	1	10	ob	rf
Number of 'dry' decomposer taxa	SRD = 6	Cyphon sp.	1	1	10	oa	d
Percentage of 'dry' decomposer taxa	%SRD = 14	Dryops sp.	1	1	10	oa	d
Number of 'dry' decomposer individuals	NRD = 9	Ptinus sp.	1	1	10	rd	
Percentage of 'dry' decomposer individuals	%NRD = 16	Meligethes sp.	1	1	10	oa	p
Number of 'foul' decomposer taxa	SRF = 6	Monotoma sp.	1	1	10	rt	
Percentage of 'foul' decomposer taxa	%SRF = 14	Cryptophagus ?scutellatus Newman	1	1	10	rd	
Number of 'foul' decomposer individuals	NRF = 8	Cryptophagus sp.	1	1	10	rd	
Percentage of 'foul' decomposer individuals	%NRF = 15	Ephistemus globulus (Paykull)	1	1	10	rd	
Index of diversity of decomposer component	alpha RT = 37	Palorus ratzeburgi (Wissman)	1	1	10	g	
Standard error	SE alpha RT = 13	Curculionidae sp.	1	1	10	oa	
Number of individuals of grain pests	NG = 14						
Number of uncoded taxa	SU = 10						
Percentage of uncoded individuals	PNU = 18						

Site: WF89 Context: 759 Sample: 59/TA - beetle/bug main statistics

Site: WF89 Context: 758 Sample: 58/TA - species list in rank order

Erosion = 3 Fragmentation = 4; Weight = 1.000kg

Taxon	Number	%	Rank	Ecodes	Number of individuals estimated as	N =
Oryzaephilus surinamensis (Linnaeus)	10	14	1	g	Number of taxa	S = 66
Oxytelus sculptus Gravenhorst	4	6	2	rt	Index of diversity (alpha)	alpha = 75
Platystethus arenarius (Fourcroy)	3	4	3	rf	Standard error of alpha	SE alpha = 14
Cryptolestes ferrugineus (Stephens)	3	4	3	g	Number of 'certain' outdoor taxa	SOA = 14
Lathridius minutus group	3	4	3	rd	Percentage of 'certain' outdoor taxa	%SOA = 21
Carpelimus ?bilineatus Stephens	2	3	6	rt	Number of 'certain' outdoor individuals	NOA = 14
Anobium punctatum (Degeer)	2	3	6	l	Percentage of 'certain' outdoor individuals	%NOA = 13
Tipnus unicolor (Piller & Mitterpacher)	2	3	6	rd	Number of 'certain' and probable outdoor taxa	SOB = 18
Aglenus brunneus (Gyllenhal)	2	3	6	rt	Percentage of 'certain' and probable outdoor taxa	%SOB = 27
Heteroptera sp.	1	1	10	u	Number of 'certain' and probable outdoor individuals	NOB = 18
Auchenorhyncha sp.	1	1	10	oa	Percentage 'certain' and probable outdoor individuals	%NOB = 17
Bembidion sp.	1	1	10	oa	Diversity index for OB not calculated, NOB = SOB or NOB < 20	
?Laemostenus sp.	1	1	10	u	Number of aquatic taxa	SW = 1
Helophorus sp.	1	1	10	oa	Percentage of aquatic taxa	%SW = 2
Sphaeridium ?bipustulatum Fabricius	1	1	10	rf	Number of aquatic individuals	NW = 1
Cercyon analis (Paykull)	1	1	10	rt	Percentage of aquatic individuals	%NW = 1
Cercyon ?terminatus (Marsham)	1	1	10	rf	Number of damp ground/waterside taxa	SD = 2
Cercyon sp.	1	1	10	u	Percentage of damp ground/waterside taxa	%SD = 3
Omalium sp.	1	1	10	rt	Number of damp ground/waterside individuals	ND = 2
Xylochromus concinnus (Marsham)	1	1	10	rt	Percentage of damp ground/waterside individuals	%ND = 2
Omalinae sp.	1	1	10	u	Number of strongly plant-associated taxa	SP = 9
Carpelimus ?fuliginosus (Gravenhorst)	1	1	10	u	Percentage of strongly plant-associated taxa	%SP = 14
					Number of strongly plant-associated individuals	NP = 9
					Percentage of strongly plant-associated individuals	%NP = 8

Number of heathland/moorland taxa	SM =	0	Cercyon terminatus (Marsham)	1	1	18	rf
Number of heathland/moorland individuals	NM =	0	Cercyon sp.	1	1	18	u
Percentage of heathland/moorland individuals	%NM =	0	Acrotrichis sp.	1	1	18	rt
Number of wood-associated taxa	SL =	1	Catopinae sp.	1	1	18	u
Number of wood-associated individuals	NL =	4	Scydmaenidae sp.	1	1	18	u
Percentage of wood-associated individuals	%NL =	4	?Lesteva sp.	1	1	18	oa d
Number of decomposer taxa	SRT =	28	Xylodromus concinnus (Marsham)	1	1	18	rt
Percentage of decomposer taxa	%SRT =	42	Carpelimus ?rivularis (Motschulsky)	1	1	18	ob d
Number of decomposer individuals	NRT =	51	Platystethus arenarius (Fourcroy)	1	1	18	rf
Percentage of decomposer individuals	%NRT =	48	Stenus sp.	1	1	18	u
Number of 'dry' decomposer taxa	SRD =	7	Phacophallus parumpunctatus (Gyllenhal)	1	1	18	rt
Percentage of 'dry' decomposer taxa	%SRD =	11	Gyrophypnus ?angustatus Stephens	1	1	18	rt
Number of 'dry' decomposer individuals	NRD =	11	Neobisnius sp.	1	1	18	u
Percentage of 'dry' decomposer individuals	%NRD =	10	Philonthus sp. B	1	1	18	u
Number of 'foul' decomposer taxa	SRF =	5	Philonthus sp. C	1	1	18	u
Percentage of 'foul' decomposer taxa	%SRF =	8	Staphylininae sp. A	1	1	18	u
Number of 'foul' decomposer individuals	NRF =	6	Staphylininae sp. B	1	1	18	u
Percentage of 'foul' decomposer individuals	%NRF =	6	Aleocharinae sp. A	1	1	18	u
Index of diversity of decomposer component	alpha RT =	26	Aleocharinae sp. B	1	1	18	u
Standard error	SE alpha RT =	6	Aleocharinae sp. C	1	1	18	u
Number of individuals of grain pests	NG =	6	Aphodius sp. A	1	1	18	ob rf
Percentage of individuals of grain pests	%NG =	6	Aphodius sp. B	1	1	18	ob rf
Number of individuals of grain pests	NG =	6	Oxyomus sylvestris (Scopoli)	1	1	18	rt
Number of uncoded taxa	SU =	18	Tipnus unicolor (Piller & Mitterpacher)	1	1	18	rd
Percentage of uncoded individuals	PNU =	27	Ptinus sp.	1	1	18	rd

Site: WF89 Context: 759 Sample: 59/TA - species list in rank order

Taxon	Number	%	Rank	Ecodes					
Euplectini sp.	9	8	1	u	Bruchinae sp.	1	1	18	u
Oxytelus sculptus Gravenhorst	7	7	2	rt	Longitarsus sp.	1	1	18	oa p
Carpelimus bilineatus Stephens	5	5	3	rt	Apion sp. A	1	1	18	oa p
Anobium punctatum (Degeer)	4	4	4	l	Apion sp. B	1	1	18	oa p
Lathridius minutus group	4	4	4	rd	Apion sp. C	1	1	18	oa p
Cercyon analis (Paykull)	3	3	6	rt	Sitona sp.	1	1	18	oa p
Carpelimus fuliginosus (Gravenhorst)	3	3	6	u	Curculionidae sp.	1	1	18	oa
Falagria caesa Erichson	3	3	6	rt	Coleoptera sp. A	1	1	18	u
Aglenus brunneus (Gyllenhal)	3	3	6	rt	Coleoptera sp. B	1	1	18	u
Cercyon atricapillus (Marsham)	2	2	10	rf					
Ptenidium sp.	2	2	10	rt					
Anotylus rugosus (Fabricius)	2	2	10	rt					
Philonthus sp. A	2	2	10	u					
Cryptolestes ferrugineus (Stephens)	2	2	10	g					
Oryzaephilus surinamensis (Linnaeus)	2	2	10	g					
Cryptophagus sp. A	2	2	10	rd					
Sitophilus granarius (Linnaeus)	2	2	10	g					
Auchenorrhyncha sp. A	1	1	18	oa p					
Auchenorrhyncha sp. B	1	1	18	oa p					
Auchenorrhyncha sp. C	1	1	18	oa p					
Auchenorrhyncha sp. D	1	1	18	oa p					
Dyschirius sp.	1	1	18	oa					
Trechus ?quadristriatus (Schrank)	1	1	18	oa					
Carabidae sp.	1	1	18	ob					
Helophorus sp.	1	1	18	oa w					

Site: WF89 Context: 757 Sample: 60/TA - beetle/bug main statistics

Erosion = 4 Fragmentation = 4; Weight = 1.000kg

Number of individuals estimated as N = 18

Number of taxa S = 16

Index of diversity not calculated, n = s or n < 20

Number of 'certain' outdoor taxa SOA = 2

Percentage of 'certain' outdoor taxa	%SOA =	13
Number of 'certain' outdoor individuals	NOA =	2
Percentage of 'certain' outdoor individuals	%NOA =	11
Number of 'certain' and probable outdoor taxa	SOB =	2
Percentage of 'certain' and probable outdoor taxa	%SOB =	13
Number of 'certain' and probable outdoor individuals	NOB =	2
Percentage 'certain' and probable outdoor individuals	%NOB =	11
Diversity index for OB not calculated, NOB = SOB or NOB < 20		
Number of aquatic taxa	SW =	1
Percentage of aquatic taxa	%SW =	6
Number of aquatic individuals	NW =	1
Percentage of aquatic individuals	%NW =	6
Number of damp ground/waterside taxa	SD =	1
Percentage of damp ground/waterside taxa	%SD =	6
Number of damp ground/waterside individuals	ND =	1
Percentage of damp ground/waterside individuals	%ND =	6
Number of strongly plant-associated taxa	SP =	0
Percentage of strongly plant-associated taxa	%SP =	0
Number of strongly plant-associated individuals	NP =	0
Percentage of strongly plant-associated individuals	%NP =	0
Number of heathland/moorland taxa	SM =	0
Number of heathland/moorland individuals	NM =	0
Percentage of heathland/moorland individuals	%NM =	0
Number of wood-associated taxa	SL =	1
Number of wood-associated individuals	NL =	1
Percentage of wood-associated individuals	%NL =	6
Number of decomposer taxa	SRT =	10
Percentage of decomposer taxa	%SRT =	63
Number of decomposer individuals	NRT =	12
Percentage of decomposer individuals	%NRT =	67
Number of 'dry' decomposer taxa	SRD =	2
Percentage of 'dry'decomposer taxa	%SRD =	13
Number of 'dry' decomposer individuals	NRD =	2
Percentage of 'dry'decomposer individuals	%NRD =	11
Number of 'foul' decomposer taxa	SRF =	3
Percentage of 'foul' decomposer taxa	%SRF =	19
Number of 'foul' decomposer individuals	NRF =	5
Percentage of 'foul' decomposer individuals	%NRF =	28
Diversity index for RT not calculated, NRT = SRT or NRT < 20		
Number of individuals of grain pests	NG =	1
Percentage of individuals of grain pests	%NG =	6
Number of individuals of grain pests	NG =	1
Number of uncoded taxa	SU =	2
Percentage of uncoded individuals	PNU =	11

Site: WF89 Context: 757 Sample: 60/TA - species list in rank order

Taxon	Number	%	Rank	Ecodes
Cercyon atricapillus (Marsham)	2	11	1	rf
Platystethus arenarius (Fourcroy)	2	11	1	rf
Cercyon terminatus (Marsham)	1	6	3	rf
Ochthebius ?minimus (Fabricius)	1	6	3	oa w
Ptenidium sp.	1	6	3	rt
Omalium sp.	1	6	3	rt

Carpelimus sp.	1	6	3	u
Oxytelus sculptus Gravenhorst	1	6	3	rt
Neobisnius sp.	1	6	3	u
Falagria or Cordalia sp.	1	6	3	rt
Cyphon sp.	1	6	3	oa d
Anobium punctatum (Degeer)	1	6	3	l
Tipnus unicolor (Piller & Mitterpacher)	1	6	3	rd
Ptinus sp.	1	6	3	rd
Monotoma spinicollis Aube	1	6	3	rt
Oryzaephilus surinamensis (Linnaeus)	1	6	3	g

Site: WN87 Context: 30 Sample: 4/T - beetle/bug main statistics

Erosion = 4 Fragmentation = 4; Weight = 1.000kg

Number of individuals estimated as	N =	8
Number of taxa	S =	8

Site: WN87 Context: 30 Sample: 4/T - species list in rank order

Taxon	Number	%	Rank	Ecodes
Cercyon analis (Paykull)	1	13	1	rt
Platystethus cornutus group	1	13	1	oa d
Anotylus nitidulus (Gravenhorst)	1	13	1	rt d
Staphylininae sp.	1	13	1	u
Aleocharinae sp.	1	13	1	u
Aphodius sp.	1	13	1	ob rf
Lathridius minutus group	1	13	1	rd
Halticinae sp.	1	13	1	oa p

Site: WNW88 Context: 414 Sample: 9/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

Number of individuals estimated as	N =	280
Number of taxa	S =	102
Index of diversity (alpha)	alpha =	58
Standard error of alpha	SE alpha =	6
Number of 'certain' outdoor taxa	SOA =	29
Percentage of 'certain' outdoor taxa	%SOA =	28
Number of 'certain' outdoor individuals	NOA =	44
Percentage of 'certain' outdoor individuals	%NOA =	16
Number of 'certain' and probable outdoor taxa	SOB =	40
Percentage of 'certain' and probable outdoor taxa	%SOB =	39
Number of 'certain' and probable outdoor individuals	NOB =	60
Percentage 'certain' and probable outdoor individuals	%NOB =	21

Index of diversity of outdoor component	alpha OB = 52	Number of 'certain' and probable outdoor individuals	NOB = 60
Standard error	SE alpha OB = 13	Percentage 'certain' and probable outdoor individuals	%NOB = 24
Number of aquatic taxa	SW = 10	Index of diversity of outdoor component	alpha OB = 52
Percentage of aquatic taxa	%SW = 10	Standard error	SE alpha OB = 13
Number of aquatic individuals	NW = 12	Number of aquatic taxa	SW = 10
Percentage of aquatic individuals	%NW = 4	Percentage of aquatic taxa	%SW = 10
Number of damp ground/waterside taxa	SD = 11	Number of aquatic individuals	NW = 12
Percentage of damp ground/waterside taxa	%SD = 11	Percentage of aquatic individuals	%NW = 5
Number of damp ground/waterside individuals	ND = 27	Number of damp ground/waterside taxa	SD = 11
Percentage of damp ground/waterside individuals	%ND = 10	Percentage of damp ground/waterside taxa	%SD = 11
Number of strongly plant-associated taxa	SP = 9	Number of damp ground/waterside individuals	ND = 27
Percentage of strongly plant-associated taxa	%SP = 9	Percentage of damp ground/waterside individuals	%ND = 11
Number of strongly plant-associated individuals	NP = 10	Number of strongly plant-associated taxa	SP = 9
Percentage of strongly plant-associated individuals	%NP = 4	Percentage of strongly plant-associated taxa	%SP = 9
Number of heathland/moorland taxa	SM = 0	Number of strongly plant-associated individuals	NP = 10
Number of heathland/moorland individuals	NM = 0	Percentage of strongly plant-associated individuals	%NP = 4
Percentage of heathland/moorland individuals	%NM = 0	Number of heathland/moorland taxa	SM = 0
Number of wood-associated taxa	SL = 2	Number of heathland/moorland individuals	NM = 0
Number of wood-associated individuals	NL = 4	Percentage of heathland/moorland individuals	%NM = 0
Percentage of wood-associated individuals	%NL = 1	Number of wood-associated taxa	SL = 2
Number of decomposer taxa	SRT = 39	Number of wood-associated individuals	NL = 4
Percentage of decomposer taxa	%SRT = 38	Percentage of wood-associated individuals	%NL = 2
Number of decomposer individuals	NRT = 144	Number of decomposer taxa	SRT = 39
Percentage of decomposer individuals	%NRT = 51	Percentage of decomposer taxa	%SRT = 39
Number of 'dry' decomposer taxa	SRD = 7	Number of decomposer individuals	NRT = 144
Percentage of 'dry'decomposer taxa	%SRD = 7	Percentage of decomposer individuals	%NRT = 58
Number of 'dry' decomposer individuals	NRD = 11	Number of 'dry' decomposer taxa	SRD = 7
Percentage of 'dry'decomposer individuals	%NRD = 4	Percentage of 'dry'decomposer taxa	%SRD = 7
Number of 'foul' decomposer taxa	SRF = 8	Number of 'dry' decomposer individuals	NRD = 11
Percentage of 'foul' decomposer taxa	%SRF = 8	Percentage of 'dry'decomposer individuals	%NRD = 4
Number of 'foul' decomposer individuals	NRF = 22	Number of 'foul' decomposer taxa	SRF = 8
Percentage of 'foul' decomposer individuals	%NRF = 8	Percentage of 'foul' decomposer taxa	%SRF = 8
Index of diversity of decomposer component	alpha RT = 18	Number of 'foul' decomposer individuals	NRF = 22
Standard error	SE alpha RT = 2	Percentage of 'foul' decomposer individuals	%NRF = 9
Number of individuals of grain pests	NG = 33	Index of diversity of decomposer component	alpha RT = 18
Percentage of individuals of grain pests	%NG = 12	Standard error	SE alpha RT = 2
NB - over 10% grain pests and n > 50: for corrected re-run see over.		Number of individuals of grain pests	NG = 33
Number of individuals of grain pests	NG = 33	Number of uncoded taxa	SU = 23
Number of uncoded taxa	SU = 23	Percentage of uncoded individuals	PNU = 19
Percentage of uncoded individuals	PNU = 16		

Site: WNW88 Context: 414 Sample: 9/T - beetle/bug main statistics re-run after subtraction of grain pest component

Site: WNW88 Context: 414 Sample: 9/T - species list in rank order

Erosion = 3 Fragmentation = 3; Weight = 1.000kg		Taxon	Number	%	Rank	Ecodes
Number of individuals estimated as	N = 247	Carpelimus bilineatus Stephens	23	8	1	rt
Number of taxa	S = 99	Oryzaephilus surinamensis (Linnaeus)	21	8	2	g
Index of diversity (alpha)	alpha = 61	Acritus nigricornis (Hoffmann)	20	7	3	rt
Standard error of alpha	SE alpha = 6	Platystethus arenarius (Fourcroy)	13	5	4	rf
Number of 'certain' outdoor taxa	SOA = 29	Carpelimus pusillus group	10	4	5	u
Percentage of 'certain' outdoor taxa	%SOA = 29	Neobisnius sp.	9	3	6	u
Number of 'certain' outdoor individuals	NOA = 44	Falagria ?caesa Erichson	8	3	7	rt
Percentage of 'certain' outdoor individuals	%NOA = 18	Cercyon analis (Paykull)	7	3	8	rt
Number of 'certain' and probable outdoor taxa	SOB = 40	Ptenidium sp.	7	3	8	rt
Percentage of 'certain' and probable outdoor taxa	%SOB = 40	Oxytelus sculptus Gravenhorst	7	3	8	rt
		Cryptolestes ferrugineus (Stephens)	7	3	8	g
		Carpelimus corticinus (Gravenhorst)	6	2	12	oa d

Platystethus nitens (Sahlberg)	5	2	13	oa	d	Philonthus sp. C	1	0	38	u
Aglenus brunneus (Gyllenhal)	5	2	13	rt		Philonthus sp. D	1	0	38	u
Anthicus floralis or formicarius	5	2	13	rt		Philonthus sp. E	1	0	38	u
Sitophilus granarius (Linnaeus)	5	2	13	g		?Glabrius sp.	1	0	38	rt
Carpelimus fuliginosus (Gravenhorst)	4	1	17	u		Creophilus maxillosus (Linnaeus)	1	0	38	rt
Carpelimus rivularis (Motschulsky)	4	1	17	ob	d	Aleocharinae sp. A	1	0	38	u
Platystethus cornutus group	4	1	17	oa	d	Aleocharinae sp. B	1	0	38	u
Anotylus complanatus (Erichson)	4	1	17	rt		Aleocharinae sp. C	1	0	38	u
Gyrophypnus fracticornis (Muller)	4	1	17	rt		Aleocharinae sp. D	1	0	38	u
Oxyomus sylvestris (Scopoli)	4	1	17	rt		Aleocharinae sp. E	1	0	38	u
Anotylus rugosus (Fabricius)	3	1	23	rt		Aphodius luridus (Fabricius)	1	0	38	oa rf
Aphodius granarius (Linnaeus)	3	1	23	ob	rf	Aphodius sp.	1	0	38	ob rf
Anthicus bifasciatus (Rossi)	3	1	23	u		Aphodius sp. A	1	0	38	ob rf
Helophorus sp.	2	1	26	oa	w	Aphodius sp. B	1	0	38	ob rf
Ochthebius sp.	2	1	26	oa	w	Phyllopertha horticola (Linnaeus)	1	0	38	oa p
Anotylus nitidulus (Gravenhorst)	2	1	26	rt	d	Dryops sp.	1	0	38	oa d
Xantholinus sp.	2	1	26	u		Elateridae sp. A	1	0	38	ob
Anobium punctatum (Degeer)	2	1	26	l		Elateridae sp. B	1	0	38	ob
Ptinus sp.	2	1	26	rd		Tipnus unicolor (Piller & Mitterpacher)	1	0	38	rd
Lyctus linearis (Goeze)	2	1	26	l		Kateretes rufilabris (Latreille)	1	0	38	oa p d
Omosita sp.	2	1	26	rt		Monotoma sp.	1	0	38	rt
Cryptophagus sp.	2	1	26	rd		Atomaria sp. B	1	0	38	rd
Atomaria sp. A	2	1	26	rd		Corticarina or Cortinicara sp.	1	0	38	rt
Lathridius minutus group	2	1	26	rd		Typhaea stercorea (Linnaeus)	1	0	38	rd
Gymnetron sp.	2	1	26	oa	p	Tribolium ?castaneum (Herbst)	1	0	38	u
Lygaeidae sp.	1	0	38	oa	p	Bruchidae sp.	1	0	38	u
Chartoscirta sp.	1	0	38	oa	w	Prasocuris phellandrii (Linnaeus)	1	0	38	oa p d
Corixidae sp.	1	0	38	oa	w	Chaetocnema concinna (Marsham)	1	0	38	oa p
Bembidion lampros or properans	1	0	38	oa		Apion sp.	1	0	38	oa p
Bembidion sp.	1	0	38	oa		Phyllobius or Polydrusus sp.	1	0	38	oa p
Carabidae sp. A	1	0	38	ob		Notaris acridulus (Linnaeus)	1	0	38	oa d p
Carabidae sp. B	1	0	38	ob		Curculionidae sp.	1	0	38	oa
Carabidae sp. C	1	0	38	ob		Coleoptera sp.	1	0	38	u
Carabidae sp. D	1	0	38	ob						
Noterus ?clavicornis (Degeer)	1	0	38	oa	w					
Colymbetes fuscus (Linnaeus)	1	0	38	oa	w					
Colymbetinae sp.	1	0	38	oa	w					
Helophorus sp. B	1	0	38	oa	w					
Cercyon atricapillus (Marsham)	1	0	38	rf						
Cercyon haemorrhoidalis (Fabricius)	1	0	38	rf						
Cercyon convexiusculus group	1	0	38	oa	d					
Megasternum obscurum (Marsham)	1	0	38	rt						
Hydraena sp.	1	0	38	oa	w					
Limnebius sp.	1	0	38	oa	w					
Acrotrichis sp.	1	0	38	rt						
Scydmaenus tarsatus (Muller & Kunze)	1	0	38	rt						
Scydmaenidae sp.	1	0	38	u						
Lesteva sp.	1	0	38	oa	d					
Omalium sp.	1	0	38	rt						
Xylostromus concinnus (Marsham)	1	0	38	rt						
Omalinae sp.	1	0	38	u						
Stenus sp. A	1	0	38	u						
Stenus sp. B	1	0	38	u						
Paederinae sp.	1	0	38	u						
Leptacinus sp.	1	0	38	rt						
Philonthus sp. A	1	0	38	u						
Philonthus sp. B	1	0	38	u						

Site: WNW88 Context: 391 Sample: 11/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

Number of individuals estimated as	N =	202
Number of taxa	S =	93
Index of diversity (alpha)	alpha =	67
Standard error of alpha	SE alpha =	8
Number of 'certain' outdoor taxa	SOA =	19
Percentage of 'certain' outdoor taxa	%SOA =	20
Number of 'certain' outdoor individuals	NOA =	20
Percentage of 'certain' outdoor individuals	%NOA =	10
Number of 'certain' and probable outdoor taxa	SOB =	25
Percentage of 'certain' and probable outdoor taxa	%SOB =	27
Number of 'certain' and probable outdoor individuals	NOB =	26
Percentage 'certain' and probable outdoor individuals	%NOB =	13
Index of diversity of outdoor component	alpha OB =	290
Standard error	SE alpha OB =	259
Number of aquatic taxa	SW =	4
Percentage of aquatic taxa	%SW =	4
Number of aquatic individuals	NW =	4

Percentage of aquatic individuals	%NW =	2	Falagria ?caesa Erichson	3	1	15	rt
Number of damp ground/waterside taxa	SD =	7	Aleocharinae sp. B	3	1	15	u
Percentage of damp ground/waterside taxa	%SD =	8	Bruchus rufimanus Boheman	3	1	15	u
Number of damp ground/waterside individuals	ND =	14	Cercyon atricapillus (Marsham)	2	1	20	rf
Percentage of damp ground/waterside individuals	%ND =	7	Cercyon sp.	2	1	20	u
Number of strongly plant-associated taxa	SP =	5	Omalium ?rivulare (Paykull)	2	1	20	rt
Percentage of strongly plant-associated taxa	%SP =	5	Coprophilus striatulus (Fabricius)	2	1	20	rt
Number of strongly plant-associated individuals	NP =	5	Platystethus cornutus group	2	1	20	oa d
Percentage of strongly plant-associated individuals	%NP =	2	Aleocharinae sp. E	2	1	20	u
Number of heathland/moorland taxa	SM =	0	Oxyomus sylvestris (Scopoli)	2	1	20	rt
Number of heathland/moorland individuals	NM =	0	Ptinus fur (Linnaeus)	2	1	20	rd
Percentage of heathland/moorland individuals	%NM =	0	Omosita colon (Linnaeus)	2	1	20	rt
Number of wood-associated taxa	SL =	3	Phymatodes alni (Linnaeus)	2	1	20	l
Number of wood-associated individuals	NL =	7	Lyctocoris campestris (Fabricius)	1	0	30	rd
Percentage of wood-associated individuals	%NL =	3	Blethisa multipunctata (Linnaeus)	1	0	30	oa d
Number of decomposer taxa	SRT =	42	Clivina ?fossor (Linnaeus)	1	0	30	oa
Percentage of decomposer taxa	%SRT =	45	Bembidion sp.	1	0	30	oa
Number of decomposer individuals	NRT =	131	Carabidae sp. A	1	0	30	ob
Percentage of decomposer individuals	%NRT =	65	Carabidae sp. B	1	0	30	ob
Number of 'dry' decomposer taxa	SRD =	6	Carabidae sp. C	1	0	30	ob
Percentage of 'dry' decomposer taxa	%SRD =	6	Rhantus sp.	1	0	30	oa w
Number of 'dry' decomposer individuals	NRD =	12	Helophorus sp. A	1	0	30	oa w
Percentage of 'dry' decomposer individuals	%NRD =	6	Helophorus sp. B	1	0	30	oa w
Number of 'foul' decomposer taxa	SRF =	8	Cercyon tristis (Illiger)	1	0	30	oa d
Percentage of 'foul' decomposer taxa	%SRF =	9	Acritus nigricornis (Hoffmann)	1	0	30	rt
Number of 'foul' decomposer individuals	NRF =	52	Histerinae sp.	1	0	30	u
Percentage of 'foul' decomposer individuals	%NRF =	26	Ochthebius minimus (Fabricius)	1	0	30	oa w
Index of diversity of decomposer component	alpha RT =	22	Acrotichis sp. A	1	0	30	rt
Standard error	SE alpha RT =	3	Catops sp.	1	0	30	u
Number of individuals of grain pests	NG =	0	Silphidae sp.	1	0	30	u
Percentage of individuals of grain pests	%NG =	0	Scydmaenidae sp.	1	0	30	u
Number of individuals of grain pests	NG =	0	Lesteva longolytrata (Goeze)	1	0	30	oa d
Number of uncoded taxa	SU =	26	Omalium sp.	1	0	30	rt
Percentage of uncoded individuals	PNU =	20	Carpelimus fuliginosus (Gravenhorst)	1	0	30	u

Site: WNW88 Context: 391 Sample: 11/T - species list in rank order

Taxon	Number	%	Rank	Ecodes					
Platystethus arenarius (Fourcroy)	21	10	1	rf	Gyrophypnus fracticornis (Muller)	1	0	30	rt
Cercyon haemorrhoidalis (Fabricius)	14	7	2	rf	Xantholinus glabratus (Gravenhorst)	1	0	30	rt
Cercyon terminatus (Marsham)	8	4	3	rf	Philonthus sp. B	1	0	30	u
Anotylus complanatus (Erichson)	8	4	3	rt	Staphylininae sp. A	1	0	30	u
Anotylus nitidulus (Gravenhorst)	7	3	5	rt d	Staphylininae sp. B	1	0	30	u
Oxytelus sculptus Gravenhorst	6	3	6	rt	Cordalia obscura (Gravenhorst)	1	0	30	rt
Neobisnius sp.	6	3	6	u	Crataraea suturalis (Mannerheim)	1	0	30	rt
Lathridius minutus group	6	3	6	rd	Aleocharinae sp. A	1	0	30	u
Cercyon analis (Paykull)	5	2	9	rt	Aleocharinae sp. C	1	0	30	u
Carpelimus bilineatus Stephens	5	2	9	rt	Aleocharinae sp. D	1	0	30	u
Philonthus sp. A	5	2	9	u	Aleocharinae sp. F	1	0	30	u
Cercyon unipunctatus (Linnaeus)	4	2	12	rf	Aleocharinae sp. G	1	0	30	u
Ptenidium sp.	4	2	12	rt	Aleocharinae sp. H	1	0	30	u
Anobium punctatum (Degeer)	4	2	12	l	Aleocharinae sp. I	1	0	30	u
Acrotichis sp. B	3	1	15	rt	Pselaphidae sp.	1	0	30	u
Anotylus rugosus (Fabricius)	3	1	15	rt	Trox scaber (Linnaeus)	1	0	30	rt

Geotrupes sp.	1	0	30	oa	rf	Number of wood-associated individuals	NL =	2
Aphodius ?granarius (Linnaeus)	1	0	30	ob	rf	Percentage of wood-associated individuals	%NL =	2
Aphodius sp.	1	0	30	ob	rf	Number of decomposer taxa	SRT =	34
Elateridae sp.	1	0	30	ob		Percentage of decomposer taxa	%SRT =	43
Meligethes sp.	1	0	30	oa	p	Number of decomposer individuals	NRT =	44
Cryptophagus sp.	1	0	30	rd		Percentage of decomposer individuals	%NRT =	43
Atomaria sp. A	1	0	30	rd		Number of 'dry' decomposer taxa	SRD =	7
Atomaria sp. B	1	0	30	rd		Percentage of 'dry' decomposer taxa	%SRD =	9
?Sericoederus lateralis (Gyllenhal)	1	0	30	rt		Number of 'dry' decomposer individuals	NRD =	8
Orthoperus sp.	1	0	30	rt		Percentage of 'dry' decomposer individuals	%NRD =	8
Corticaria sp.	1	0	30	rt		Number of 'foul' decomposer taxa	SRF =	5
Aglenus brunneus (Gyllenhal)	1	0	30	rt		Percentage of 'foul' decomposer taxa	%SRF =	6
Tenebrio obscurus Fabricius	1	0	30	rt		Number of 'foul' decomposer individuals	NRF =	5
Rhinosimus planirostris (Fabricius)	1	0	30	l		Percentage of 'foul' decomposer individuals	%NRF =	5
Phaedon sp.	1	0	30	oa	p	Index of diversity of decomposer component	alpha RT =	68
Phyllotreta sp.	1	0	30	oa	p	Standard error	SE alpha RT =	23
Apion sp.	1	0	30	oa	p	Number of individuals of grain pests	NG =	0
Notaris acridulus (Linnaeus)	1	0	30	oa	d p	Percentage of individuals of grain pests	%NG =	0
Curculionidae sp. A	1	0	30	oa		Number of individuals of grain pests	NG =	0
Curculionidae sp. B	1	0	30	oa		Number of uncoded taxa	SU =	13
						Percentage of uncoded individuals	PNU =	21

Site: WNW88 Context: 303 Sample: 16/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 4; Weight = 1.000kg

Number of individuals estimated as	N =	103
Number of taxa	S =	79
Index of diversity (alpha)	alpha =	154
Standard error of alpha	SE alpha =	35
Number of 'certain' outdoor taxa	SOA =	29
Percentage of 'certain' outdoor taxa	%SOA =	37
Number of 'certain' outdoor individuals	NOA =	34
Percentage of 'certain' outdoor individuals	%NOA =	33
Number of 'certain' and probable outdoor taxa	SOB =	31
Percentage of 'certain' and probable outdoor taxa	%SOB =	39
Number of 'certain' and probable outdoor individuals	NOB =	36
Percentage 'certain' and probable outdoor individuals	%NOB =	35
Index of diversity of outdoor component	alpha OB =	104
Standard error	SE alpha OB =	48
Number of aquatic taxa	SW =	10
Percentage of aquatic taxa	%SW =	13
Number of aquatic individuals	NW =	12
Percentage of aquatic individuals	%NW =	12
Number of damp ground/waterside taxa	SD =	7
Percentage of damp ground/waterside taxa	%SD =	9
Number of damp ground/waterside individuals	ND =	10
Percentage of damp ground/waterside individuals	%ND =	10
Number of strongly plant-associated taxa	SP =	11
Percentage of strongly plant-associated taxa	%SP =	14
Number of strongly plant-associated individuals	NP =	13
Percentage of strongly plant-associated individuals	%NP =	13
Number of heathland/moorland taxa	SM =	0
Number of heathland/moorland individuals	NM =	0
Percentage of heathland/moorland individuals	%NM =	0
Number of wood-associated taxa	SL =	2

Site: WNW88 Context: 303 Sample: 16/T - species list in rank order

Taxon	Number	%	Rank	Ecodes
Carpelimus ?pusillus (Gravenhorst)	4	4	1	u
Carpelimus sp.	4	4	1	u
Acritus nigricornis (Hoffmann)	3	3	3	rt
Carpelimus ?bilineatus Stephens	3	3	3	rt
Platystethus nitens (Sahlberg)	3	3	3	oa d
Corticaria sp.	3	3	3	rt
Aglenus brunneus (Gyllenhal)	3	3	3	rt
Tanyssphyrus lemnae (Paykull)	3	3	3	oa w p
Dyschirius globosus (Herbst)	2	2	9	oa
Anotylus nitidulus (Gravenhorst)	2	2	9	rt d
Staphylininae sp. A	2	2	9	u
Staphylininae sp. B	2	2	9	u
Aleocharinae sp. C	2	2	9	u
Lathridius minutus group	2	2	9	rd
Eurydema oleracea (Linnaeus)	1	1	15	oa p
Scolopostethus sp.	1	1	15	oa p
Corixidae sp.	1	1	15	oa w
Auchenorrhyncha sp.	1	1	15	oa p
Agonum sp.	1	1	15	oa
Carabidae sp.	1	1	15	ob
Hydrophorinae sp.	1	1	15	oa w
Colymbetes fuscus (Linnaeus)	1	1	15	oa w

Helophorus sp. A	1	1	15	oa w
Helophorus sp. B	1	1	15	oa w
Cercyon analis (Paykull)	1	1	15	rt
Cercyon atricapillus (Marsham)	1	1	15	rf
Cercyon terminatus (Marsham)	1	1	15	rf
Cercyon sp.	1	1	15	u
Cryptopleurum minutum (Fabricius)	1	1	15	rf
Hydrobius fuscipes (Linnaeus)	1	1	15	oa w
Hydrophilinae sp.	1	1	15	oa w
Ochthebius sp.	1	1	15	oa w
Hydraena sp.	1	1	15	oa w
Ptenidium sp.	1	1	15	rt
Acrotrichis sp.	1	1	15	rt
Omalium ?rivulare (Paykull)	1	1	15	rt
Xylodromus concinnus (Marsham)	1	1	15	rt
Carpelimus ?corticinus (Gravenhorst)	1	1	15	oa d
Aploderus caelatus (Gravenhorst)	1	1	15	rt
Platystethus arenarius (Fourcroy)	1	1	15	rf
Platystethus degener Mulsant & Rey	1	1	15	oa d
Platystethus nodifrons (Mannerheim)	1	1	15	oa d
Anotylus rugosus (Fabricius)	1	1	15	rt
Oxytelus sculptus Gravenhorst	1	1	15	rt
Lathrobium sp.	1	1	15	u
Leptacinus sp.	1	1	15	rt
Gyrophypnus sp.	1	1	15	rt
Tachinus sp.	1	1	15	u
Falagria sp.	1	1	15	rt
Crataraea suturalis (Mannerheim)	1	1	15	rt
Aleocharinae sp. A	1	1	15	u
Aleocharinae sp. B	1	1	15	u
Aleocharinae sp. D	1	1	15	u
Aleocharinae sp. E	1	1	15	u
Aleocharinae sp. F	1	1	15	u
Aphodius sp.	1	1	15	ob rf
Clambus sp.	1	1	15	rt
Cyphon sp.	1	1	15	oa d
Anobium punctatum (Degeer)	1	1	15	l
Ptinus sp.	1	1	15	rd
Meligethes sp.	1	1	15	oa p
Cryptophagus acutangulus (Gyllenhal)	1	1	15	rd
Cryptophagus sp.	1	1	15	rd
Atomaria sp. A	1	1	15	rd
Atomaria sp. B	1	1	15	rd
Orthoperus sp.	1	1	15	rt
Enicmus sp.	1	1	15	rt
Cisidae sp.	1	1	15	l
Typhaea stercorea (Linnaeus)	1	1	15	rd
Anthicus floralis or formicarius	1	1	15	rt
Anthicus sp.	1	1	15	rt
?Chrysomelinae sp. A	1	1	15	oa p
Chrysomelinae sp. B	1	1	15	oa p
Phyllotreta sp.	1	1	15	oa p
Longitarsus sp. A	1	1	15	oa p
?Longitarsus sp. B	1	1	15	oa p
Notaris acridulus (Linnaeus)	1	1	15	oa d p
Curculionidae sp. A	1	1	15	oa
Curculionidae sp. B	1	1	15	oa

Site: WNW88 Context: 219 Sample: 18/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 4; Weight = 1.000kg

Number of individuals estimated as	N =	48
Number of taxa	S =	41
Index of diversity (alpha)	alpha =	131
Standard error of alpha	SE alpha =	52
Number of 'certain' outdoor taxa	SOA =	19
Percentage of 'certain' outdoor taxa	%SOA =	46
Number of 'certain' outdoor individuals	NOA =	21
Percentage of 'certain' outdoor individuals	%NOA =	44
Number of 'certain' and probable outdoor taxa	SOB =	24
Percentage of 'certain' and probable outdoor taxa	%SOB =	59
Number of 'certain' and probable outdoor individuals	NOB =	26
Percentage 'certain' and probable outdoor individuals	%NOB =	54
Index of diversity of outdoor component	alpha OB =	144
Standard error	SE alpha OB =	99
Number of aquatic taxa	SW =	9
Percentage of aquatic taxa	%SW =	22
Number of aquatic individuals	NW =	9
Percentage of aquatic individuals	%NW =	19
Number of damp ground/waterside taxa	SD =	5
Percentage of damp ground/waterside taxa	%SD =	12
Number of damp ground/waterside individuals	ND =	7
Percentage of damp ground/waterside individuals	%ND =	15
Number of strongly plant-associated taxa	SP =	6
Percentage of strongly plant-associated taxa	%SP =	15
Number of strongly plant-associated individuals	NP =	7
Percentage of strongly plant-associated individuals	%NP =	15
Number of heathland/moorland taxa	SM =	0
Number of heathland/moorland individuals	NM =	0
Percentage of heathland/moorland individuals	%NM =	0
Number of wood-associated taxa	SL =	0
Number of wood-associated individuals	NL =	0
Percentage of wood-associated individuals	%NL =	0
Number of decomposer taxa	SRT =	9
Percentage of decomposer taxa	%SRT =	22
Number of decomposer individuals	NRT =	10
Percentage of decomposer individuals	%NRT =	21
Number of 'dry' decomposer taxa	SRD =	1
Percentage of 'dry' decomposer taxa	%SRD =	2
Number of 'dry' decomposer individuals	NRD =	1
Percentage of 'dry' decomposer individuals	%NRD =	2
Number of 'foul' decomposer taxa	SRF =	2
Percentage of 'foul' decomposer taxa	%SRF =	5
Number of 'foul' decomposer individuals	NRF =	2
Percentage of 'foul' decomposer individuals	%NRF =	4
Diversity index for RT not calculated, NRT = SRT or NRT < 20		
Number of individuals of grain pests	NG =	0
Percentage of individuals of grain pests	%NG =	0
Number of individuals of grain pests	NG =	0
Number of uncoded taxa	SU =	10

Percentage of uncoded individuals PNU = 29

Number of taxa S = 134

Site: WNW88 Context: 219 Sample: 18/T - species list in rank order

Taxon	Number	%	Rank	Ecodes
Aleocharinae sp. A	3	6	1	u
Ptenidium sp.	2	4	2	rt
Carpelimus ?corticinus (Gravenhorst)	2	4	2	oa d
Neobisnius sp.	2	4	2	u
Aleocharinae sp. B	2	4	2	u
Prasocuris phellandrii (Linnaeus)	2	4	2	oa p d
Corixidae sp.	1	2	7	oa w
Auchenorrhyncha sp. A	1	2	7	oa p
Auchenorrhyncha sp. B	1	2	7	oa p
Auchenorrhyncha sp. C	1	2	7	oa p
Carabus sp.	1	2	7	oa
Pterostichus sp.	1	2	7	ob
Carabidae sp. A	1	2	7	ob
Carabidae sp. B	1	2	7	ob
Helophorus sp. A	1	2	7	oa w
Helophorus sp. B	1	2	7	oa w
Coelostoma orbiculare (Fabricius)	1	2	7	oa w
Cercyon sp.	1	2	7	u
Acriton nigricornis (Hoffmann)	1	2	7	rt
Ochthebius minimus (Fabricius)	1	2	7	oa w
Hydraena sp.	1	2	7	oa w
Limnebius sp.	1	2	7	oa w
Acrotrichis sp.	1	2	7	rt
Stenus sp. A	1	2	7	u
Stenus sp. B	1	2	7	u
Aleocharinae sp. C	1	2	7	u
Aleocharinae sp. D	1	2	7	u
Aleocharinae sp. E	1	2	7	u
Aleocharinae sp. F	1	2	7	u
Aphodius sp. A	1	2	7	ob rf
Aphodius sp. B	1	2	7	ob rf
Oxyomus sylvestris (Scopoli)	1	2	7	rt
Cyphon sp.	1	2	7	oa d
Dryops sp.	1	2	7	oa d
Monotoma sp.	1	2	7	rt
Psammoeucus bipunctatus (Fabricius)	1	2	7	oa d
Atomaria sp.	1	2	7	rd
Orthoperus sp.	1	2	7	rt
Donaciinae sp.	1	2	7	oa w p
Bagous sp.	1	2	7	oa w
Ceutorhynchus sp.	1	2	7	oa p

Index of diversity (alpha)	alpha = 175
Standard error of alpha	SE alpha = 24
Number of 'certain' outdoor taxa	SOA = 64
Percentage of 'certain' outdoor taxa	%SOA = 48
Number of 'certain' outdoor individuals	NOA = 84
Percentage of 'certain' outdoor individuals	%NOA = 42
Number of 'certain' and probable outdoor taxa	SOB = 72
Percentage of 'certain' and probable outdoor taxa	%SOB = 54
Number of 'certain' and probable outdoor individuals	NOB = 100
Percentage 'certain' and probable outdoor individuals	%NOB = 50
Index of diversity of outdoor component	alpha OB = 115
Standard error	SE alpha OB = 24
Number of aquatic taxa	SW = 24
Percentage of aquatic taxa	%SW = 18
Number of aquatic individuals	NW = 38
Percentage of aquatic individuals	%NW = 19
Number of damp ground/waterside taxa	SD = 17
Percentage of damp ground/waterside taxa	%SD = 13
Number of damp ground/waterside individuals	ND = 33
Percentage of damp ground/waterside individuals	%ND = 16
Number of strongly plant-associated taxa	SP = 22
Percentage of strongly plant-associated taxa	%SP = 16
Number of strongly plant-associated individuals	NP = 22
Percentage of strongly plant-associated individuals	%NP = 11
Number of heathland/moorland taxa	SM = 0
Number of heathland/moorland individuals	NM = 0
Percentage of heathland/moorland individuals	%NM = 0
Number of wood-associated taxa	SL = 3
Number of wood-associated individuals	NL = 4
Percentage of wood-associated individuals	%NL = 2
Number of decomposer taxa	SRT = 36
Percentage of decomposer taxa	%SRT = 27
Number of decomposer individuals	NRT = 58
Percentage of decomposer individuals	%NRT = 29
Number of 'dry' decomposer taxa	SRD = 7
Percentage of 'dry'decomposer taxa	%SRD = 5
Number of 'dry' decomposer individuals	NRD = 12
Percentage of 'dry'decomposer individuals	%NRD = 6
Number of 'foul' decomposer taxa	SRF = 7
Percentage of 'foul' decomposer taxa	%SRF = 5
Number of 'foul' decomposer individuals	NRF = 9
Percentage of 'foul' decomposer individuals	%NRF = 4
Index of diversity of decomposer component	alpha RT = 41
Standard error	SE alpha RT = 10
Number of individuals of grain pests	NG = 7
Percentage of individuals of grain pests	%NG = 3
Number of individuals of grain pests	NG = 7
Number of uncoded taxa	SU = 24
Percentage of uncoded individuals	PNU = 18

Site: WNW88 Context: 298 Sample: 19/T - beetle/bug main statistics

Site: WNW88 Context: 298 Sample: 19/T - species list in rank order

Erosion = 3 Fragmentation = 4; Weight = 1.000kg

Number of individuals estimated as N = 201 Taxon Number % Rank Ecodes

Helophorus sp. A	10	5	1	oa w	Hydroporinae sp. A	1	0	32	oa w
Carpelimus rivularis (Motschulsky)	9	4	2	ob d	Hydroporinae sp. B	1	0	32	oa w
Aleocharinae sp. B	7	3	3	u	Hydroporinae sp. C	1	0	32	oa w
Lathridius minutus group	5	2	4	rd	Agabus bipustulatus (Linnaeus)	1	0	32	oa w
Ochthebius minimus (Fabricius)	4	2	5	oa w	?Agabus sp.	1	0	32	oa w
Aleocharinae sp. G	4	2	5	u	?Rhantus sp.	1	0	32	oa w
Oryzaephilus surinamensis (Linnaeus)	4	2	5	g	Gyrinus sp.	1	0	32	oa w
Carpelimus ?corticinus (Gravenhorst)	3	1	8	oa d	Cercyon atricapillus (Marsham)	1	0	32	rf
Anotylus nitidulus (Gravenhorst)	3	1	8	rt d	Cercyon lugubris (Olivier)	1	0	32	rt
Anotylus rugosus (Fabricius)	3	1	8	rt	Cercyon marinus Thomson	1	0	32	oa d
Falagria ?caesa Erichson	3	1	8	rt	Cercyon tristis (Illiger)	1	0	32	oa d
Dryops sp.	3	1	8	oa d	Cercyon ustulatus (Preysslner)	1	0	32	oa d
Corticaria sp.	3	1	8	rt	Megasternum obscurum (Marsham)	1	0	32	rt
Aglenus brunneus (Gyllenhal)	3	1	8	rt	Hydrobius fuscipes (Linnaeus)	1	0	32	oa w
Helophorus sp. B	2	1	15	oa w	?Laccobius sp.	1	0	32	oa w
Helophorus sp. C	2	1	15	oa w	Enochrus sp.	1	0	32	oa w
Cercyon analis (Paykull)	2	1	15	rt	Berosus sp.	1	0	32	oa w
Cercyon sternalis Sharp	2	1	15	oa d	Hydrophilinae sp.	1	0	32	oa w
Cercyon unipunctatus (Linnaeus)	2	1	15	rf	Hydraena sp.	1	0	32	oa w
Acritus nigricornis (Hoffmann)	2	1	15	rt	Ptenidium sp.	1	0	32	rt
Platystethus arenarius (Fourcroy)	2	1	15	rf	Acrotrochis sp.	1	0	32	rt
Platystethus degener Mulsant & Rey	2	1	15	oa d	Omalius sp.	1	0	32	rt
Oxytelus sculptus Gravenhorst	2	1	15	rt	Carpelimus bilineatus Stephens	1	0	32	rt
Philonthus sp. A	2	1	15	u	Platystethus nitens (Sahlberg)	1	0	32	oa d
Philonthus sp. D	2	1	15	u	Stenus sp. A	1	0	32	u
Aleocharinae sp. A	2	1	15	u	Stenus sp. B	1	0	32	u
Anobium punctatum (Degeer)	2	1	15	l	Gyrophypnus sp.	1	0	32	rt
Ptinus sp.	2	1	15	rd	Xantholinus sp.	1	0	32	u
Enicmus sp.	2	1	15	rt	Neobisnius sp.	1	0	32	u
Corticarina sp.	2	1	15	rt	Erichsonius cinerascens (Gravenhorst)	1	0	32	oa d
Sitophilus granarius (Linnaeus)	2	1	15	g	Philonthus sp. B	1	0	32	u
Heterogaster urticae (Fabricius)	1	0	32	oa p	Philonthus sp. C	1	0	32	u
Stygnocoris ?pedestris (Fallen)	1	0	32	oa p	Philonthus sp. E	1	0	32	u
Drymus brunneus (Sahlberg)	1	0	32	oa p	Staphylininae sp.	1	0	32	u
Scolopostethus sp.	1	0	32	oa p	Tachinus laticollis or marginellus	1	0	32	u
Lygaeidae sp.	1	0	32	oa p	Aleochara sp.	1	0	32	u
Tingidae sp.	1	0	32	u	Aleocharinae sp. C	1	0	32	u
Lycotocoris campestris (Fabricius)	1	0	32	rd	Aleocharinae sp. D	1	0	32	u
Saldidae sp.	1	0	32	oa d	Aleocharinae sp. E	1	0	32	u
Corixidae sp. A	1	0	32	oa w	Aleocharinae sp. F	1	0	32	u
Corixidae sp. B	1	0	32	oa w	Pselaphidae sp.	1	0	32	u
?Micronecta sp.	1	0	32	oa w	Trox scaber (Linnaeus)	1	0	32	rt
Auchenorhyncha sp.	1	0	32	oa p	Aphodius granarius (Linnaeus)	1	0	32	ob rf
Dyschirius ?globosus (Herbst)	1	0	32	oa	Aphodius sp. A	1	0	32	ob rf
Trechus quadristriatus (Schrank)	1	0	32	oa	Aphodius sp. B	1	0	32	ob rf
Bembidion lampros (Herbst)	1	0	32	oa	Oxyomus sylvestris (Scopoli)	1	0	32	rt
Pterostichus ?nigrita (Paykull)	1	0	32	oa d	Onthophagus joannae Goljan	1	0	32	oa rf
Pterostichus (Poecilus) sp.	1	0	32	oa	Phyllopertha horticola (Linnaeus)	1	0	32	oa p
?Pterostichus sp.	1	0	32	ob	Melolonthinae/Rutelinae/Cetoninae sp.	1	0	32	oa p
?Calathus sp.	1	0	32	oa	Cyphon sp.	1	0	32	oa d
Harpalus sp.	1	0	32	oa	Elateridae sp.	1	0	32	ob
Acupalpus ?dubius Schilsky	1	0	32	oa	Tipnus unicolor (Piller & Mitterpacher)	1	0	32	rd
Carabidae sp. A	1	0	32	ob	Lyctus linearis (Goeze)	1	0	32	l
Carabidae sp. B	1	0	32	ob	?Korynetes caeruleus (Degeer)	1	0	32	rt
Haliplidae sp.	1	0	32	u	Meligethes sp.	1	0	32	oa p
Noterus ?clavicornis (Degeer)	1	0	32	oa w	Cryptolestes ferrugineus (Stephens)	1	0	32	g
					Silvanoprus fagi (Guerin-Meneville)	1	0	32	l

Atomaria sp. A	1	0	32	rd	Number of wood-associated taxa	SL =	2
Atomaria sp. B	1	0	32	rd	Number of wood-associated individuals	NL =	4
Corticarina fuscata (Gyllenhal)	1	0	32	rt	Percentage of wood-associated individuals	%NL =	3
Typhaea stercorea (Linnaeus)	1	0	32	rd	Number of decomposer taxa	SRT =	33
Tribolium castaneum (Herbst)	1	0	32	u	Percentage of decomposer taxa	%SRT =	34
Tenebrio obscurus Fabricius	1	0	32	rt	Number of decomposer individuals	NRT =	59
Donaciinae sp.	1	0	32	oa w p	Percentage of decomposer individuals	%NRT =	38
Gastrophysa viridula (Degeer)	1	0	32	oa p	Number of 'dry' decomposer taxa	SRD =	8
Phaedon sp.	1	0	32	oa p	Percentage of 'dry' decomposer taxa	%SRD =	8
Prasocuris phellandrii (Linnaeus)	1	0	32	oa p d	Number of 'dry' decomposer individuals	NRD =	14
Phyllotreta sp.	1	0	32	oa p	Percentage of 'dry' decomposer individuals	%NRD =	9
Chaetocnema sp.	1	0	32	oa p	Number of 'foul' decomposer taxa	SRF =	7
Sitona sp.	1	0	32	oa p	Percentage of 'foul' decomposer taxa	%SRF =	7
?Hypera punctata (Fabricius)	1	0	32	oa p	Number of 'foul' decomposer individuals	NRF =	12
Tanysphyrus lemnae (Paykull)	1	0	32	oa w p	Percentage of 'foul' decomposer individuals	%NRF =	8
Bagous sp.	1	0	32	oa w	Index of diversity of decomposer component	alpha RT =	31
Dorytomus sp.	1	0	32	oa p	Standard error	SE alpha RT =	7
Notaris acridulus (Linnaeus)	1	0	32	oa d p	Number of individuals of grain pests	NG =	12
Ceuthorhynchinae sp.	1	0	32	oa p	Percentage of individuals of grain pests	%NG =	8
?Limnobaris pilistriata (Stephens)	1	0	32	oa p d	Number of individuals of grain pests	NG =	12
Coleoptera sp.	1	0	32	u	Number of uncoded taxa	SU =	21
					Percentage of uncoded individuals	PNU =	22

Site: WNW88 Context: 441 Sample: 22/T - beetle/bug main statistics

Site: WNW88 Context: 441 Sample: 22/T - species list in rank order

Erosion = 3 Fragmentation = 4; Weight = 1.000kg

Number of individuals estimated as	N =	157
Number of taxa	S =	96
Index of diversity (alpha)	alpha =	105
Standard error of alpha	SE alpha =	15
Number of 'certain' outdoor taxa	SOA =	34
Percentage of 'certain' outdoor taxa	%SOA =	35
Number of 'certain' outdoor individuals	NOA =	39
Percentage of 'certain' outdoor individuals	%NOA =	25
Number of 'certain' and probable outdoor taxa	SOB =	41
Percentage of 'certain' and probable outdoor taxa	%SOB =	43
Number of 'certain' and probable outdoor individuals	NOB =	53
Percentage of 'certain' and probable outdoor individuals	%NOB =	34
Index of diversity of outdoor component	alpha OB =	82
Standard error	SE alpha OB =	26
Number of aquatic taxa	SW =	13
Percentage of aquatic taxa	%SW =	14
Number of aquatic individuals	NW =	13
Percentage of aquatic individuals	%NW =	8
Number of damp ground/waterside taxa	SD =	9
Percentage of damp ground/waterside taxa	%SD =	9
Number of damp ground/waterside individuals	ND =	23
Percentage of damp ground/waterside individuals	%ND =	15
Number of strongly plant-associated taxa	SP =	11
Percentage of strongly plant-associated taxa	%SP =	11
Number of strongly plant-associated individuals	NP =	11
Percentage of strongly plant-associated individuals	%NP =	7
Number of heathland/moorland taxa	SM =	0
Number of heathland/moorland individuals	NM =	0
Percentage of heathland/moorland individuals	%NM =	0

Taxon	Number	%	Rank	Ecodes
Carpelimus rivularis (Motschulsky)	8	5	1	ob d
Platystethus arenarius (Fourcroy)	6	4	2	rf
Oryzaephilus surinamensis (Linnaeus)	6	4	2	g
Acritus nigricornis (Hoffmann)	5	3	4	rt
Carpelimus pusillus group	4	3	5	u
Neobisnius sp.	4	3	5	u
Cryptolestes ferrugineus (Stephens)	4	3	5	g
Cercyon sp. A	3	2	8	u
Xylodromus concinnus (Marsham)	3	2	8	rt
Carpelimus bilineatus Stephens	3	2	8	rt
Carpelimus ?corticinus (Gravenhorst)	3	2	8	oa d
Platystethus ?degener Mulsant & Rey	3	2	8	oa d
Anotylus nitidulus (Gravenhorst)	3	2	8	rt d
Anotylus rugosus (Fabricius)	3	2	8	rt
Falagria sp.	3	2	8	rt
Aleocharinae sp. C	3	2	8	u
Anobium punctatum (Degeer)	3	2	8	l
Cryptophagus sp. A	3	2	8	rd
Lathridius minutus group	3	2	8	rd
Carpelimus fuliginosus (Gravenhorst)	2	1	20	u
Stenus sp.	2	1	20	u
Dryops sp.	2	1	20	oa d
Tipnus unicolor (Piller & Mitterpacher)	2	1	20	rd
Atomaria nigripennis (Kugelann)	2	1	20	rd
Tribolium ?castaneum (Herbst)	2	1	20	u
Anthicus formicarius (Goeze)	2	1	20	rt
Aneurus sp.	1	1	27	l
Heterogaster urticae (Fabricius)	1	1	27	oa p
Lygaeidae sp.	1	1	27	oa p

Auchenorhyncha sp.	1	1	27	oa	p
Auchenorhyncha sp. B	1	1	27	oa	p
Auchenorhyncha sp. C	1	1	27	oa	p
Trechus obtusus or quadristriatus	1	1	27	oa	
Bembidion sp.	1	1	27	oa	
?Acupalpus sp.	1	1	27	oa	
Carabidae sp. A	1	1	27	ob	
Carabidae sp. B	1	1	27	ob	
Hydroporinae sp.	1	1	27	oa	w
Agabus or Ilybius sp.	1	1	27	oa	w
?Rhantus sp.	1	1	27	oa	w
Acilius ?sulcatus (Linnaeus)	1	1	27	oa	w
Gyrinus sp.	1	1	27	oa	w
Helophorus sp. A	1	1	27	oa	w
Cercyon atricapillus (Marsham)	1	1	27	rf	
Cercyon melanocephalus (Linnaeus)	1	1	27	rt	
Cercyon ?tristis (Illiger)	1	1	27	oa	d
Cercyon sp. B	1	1	27	u	
Hydrobius fuscipes (Linnaeus)	1	1	27	oa	w
?Anacaena sp.	1	1	27	oa	w
Berosus sp.	1	1	27	oa	w
Hydrophilinae sp. A	1	1	27	oa	w
Hydrophilinae sp. B	1	1	27	oa	w
Ochthebius sp.	1	1	27	oa	w
Omalium ?rivulare (Paykull)	1	1	27	rt	
Platystethus nitens (Sahlberg)	1	1	27	oa	d
Oxytelus sculptus Gravenhorst	1	1	27	rt	
Lithocharis ochracea (Gravenhorst)	1	1	27	rt	
Leptacinus sp.	1	1	27	rt	
Gyrophypnus sp.	1	1	27	rt	
Philonthus sp. A	1	1	27	u	
Philonthus sp. B	1	1	27	u	
?Quedius sp.	1	1	27	u	
Staphylininae sp.	1	1	27	u	
Tachinus sp.	1	1	27	u	
Cratarea suturalis (Mannerheim)	1	1	27	rt	
Aleocharinae sp. A	1	1	27	u	
Aleocharinae sp. B	1	1	27	u	
Aleocharinae sp. D	1	1	27	u	
Aleocharinae sp. E	1	1	27	u	
Aleocharinae sp. F	1	1	27	u	
?Pselaphidae sp.	1	1	27	u	
Aphodius ater (Degeer)	1	1	27	oa	rf
Aphodius sp. A	1	1	27	ob	rf
Aphodius sp. B	1	1	27	ob	rf
Aphodius sp. C	1	1	27	ob	rf
Aphodius sp. D	1	1	27	ob	rf
Oxyomus sylvestris (Scopoli)	1	1	27	rt	
Phyllopertha horticola (Linnaeus)	1	1	27	oa	p
Cyphon sp.	1	1	27	oa	d
Attagenus pelli (Linnaeus)	1	1	27	rd	
Nitidulidae sp.	1	1	27	u	
Monotoma picipes Herbst	1	1	27	rt	
Cryptophagus scutellatus Newman	1	1	27	rd	
Cryptophagus sp. B	1	1	27	rd	
Cryptophagus sp. C	1	1	27	rd	
?Corticaria sp.	1	1	27	rt	

Palorus ratzeburgi (Wissman)	1	1	27	g	
Tenebrio obscurus Fabricius	1	1	27	rt	
Donaciinae sp.	1	1	27	oa	w p
?Chrysomelinae sp.	1	1	27	oa	p
Galerucella sp.	1	1	27	oa	p
Phyllotreta sp.	1	1	27	oa	p
Sitophilus granarius (Linnaeus)	1	1	27	g	
Limnobaris pilistriata (Stephens)	1	1	27	oa	p d
Curculionidae sp.	1	1	27	oa	
Coleoptera sp.	1	1	27	u	

Site: WNW88 Context: 425 Sample: 24/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

Number of individuals estimated as	N =	151
Number of taxa	S =	83
Index of diversity (alpha)	alpha =	75
Standard error of alpha	SE alpha =	11
Number of 'certain' outdoor taxa	SOA =	14
Percentage of 'certain' outdoor taxa	%SOA =	17
Number of 'certain' outdoor individuals	NOA =	16
Percentage of 'certain' outdoor individuals	%NOA =	11
Number of 'certain' and probable outdoor taxa	SOB =	21
Percentage of 'certain' and probable outdoor taxa	%SOB =	25
Number of 'certain' and probable outdoor individuals	NOB =	24
Percentage 'certain' and probable outdoor individuals	%NOB =	16
Index of diversity of outdoor component	alpha OB =	77
Standard error	SE alpha OB =	45
Number of aquatic taxa	SW =	4
Percentage of aquatic taxa	%SW =	5
Number of aquatic individuals	NW =	4
Percentage of aquatic individuals	%NW =	3
Number of damp ground/waterside taxa	SD =	2
Percentage of damp ground/waterside taxa	%SD =	2
Number of damp ground/waterside individuals	ND =	4
Percentage of damp ground/waterside individuals	%ND =	3
Number of strongly plant-associated taxa	SP =	8
Percentage of strongly plant-associated taxa	%SP =	10
Number of strongly plant-associated individuals	NP =	8
Percentage of strongly plant-associated individuals	%NP =	5
Number of heathland/moorland taxa	SM =	0
Number of heathland/moorland individuals	NM =	0
Percentage of heathland/moorland individuals	%NM =	0
Number of wood-associated taxa	SL =	2
Number of wood-associated individuals	NL =	5
Percentage of wood-associated individuals	%NL =	3
Number of decomposer taxa	SRT =	45
Percentage of decomposer taxa	%SRT =	54
Number of decomposer individuals	NRT =	72
Percentage of decomposer individuals	%NRT =	48
Number of 'dry' decomposer taxa	SRD =	8
Percentage of 'dry' decomposer taxa	%SRD =	10
Number of 'dry' decomposer individuals	NRD =	14
Percentage of 'dry' decomposer individuals	%NRD =	9

Number of 'foul' decomposer taxa	SRF = 8	Number of 'dry' decomposer individuals	NRD = 14
Percentage of 'foul' decomposer taxa	%SRF = 10	Percentage of 'dry' decomposer individuals	%NRD = 13
Number of 'foul' decomposer individuals	NRF = 11	Number of 'foul' decomposer taxa	SRF = 8
Percentage of 'foul' decomposer individuals	%NRF = 7	Percentage of 'foul' decomposer taxa	%SRF = 10
Index of diversity of decomposer component	alpha RT = 51	Number of 'foul' decomposer individuals	NRF = 11
Standard error	SE alpha RT = 11	Percentage of 'foul' decomposer individuals	%NRF = 10
Number of individuals of grain pests	NG = 39	Index of diversity of decomposer component	alpha RT = 51
Percentage of individuals of grain pests	%NG = 26	Standard error	SE alpha RT = 11
NB - over 10% grain pests and n > 50: for corrected re-run see over.		Number of individuals of grain pests	NG = 39
Number of individuals of grain pests	NG = 39	Number of uncoded taxa	SU = 14
Number of uncoded taxa	SU = 14	Percentage of uncoded individuals	PNU = 13
Percentage of uncoded individuals	PNU = 10		

Site: WNW88 Context: 425 Sample: 24/T - beetle/bug main statistics re-run after subtraction of grain pest component

Site: WNW88 Context: 425 Sample: 24/T - species list in rank order

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

		Taxon	Number	%	Rank	Ecodes
Number of individuals estimated as	N = 112	Oryzaephilus surinamensis (Linnaeus)	16	11	1	g
Number of taxa	S = 79	Cryptolestes ferrugineus (Stephens)	12	8	2	g
Index of diversity (alpha)	alpha = 119	Palorus ratzeburgi (Wissman)	6	4	3	g
Standard error of alpha	SE alpha = 23	Cercyon analis (Paykull)	5	3	4	rt
Number of 'certain' outdoor taxa	SOA = 14	Sitophilus granarius (Linnaeus)	5	3	4	g
Percentage of 'certain' outdoor taxa	%SOA = 18	Acritus nigricornis (Hoffmann)	4	3	6	rt
Number of 'certain' outdoor individuals	NOA = 16	Anobium punctatum (Degeer)	4	3	6	l
Percentage of 'certain' outdoor individuals	%NOA = 14	Anthicus formicarius (Goeze)	4	3	6	rt
Number of 'certain' and probable outdoor taxa	SOB = 21	Cercyon atricapillus (Marsham)	3	2	9	rf
Percentage of 'certain' and probable outdoor taxa	%SOB = 27	Ptenidium sp.	3	2	9	rt
Number of 'certain' and probable outdoor individuals	NOB = 24	Platystethus degener Mulsant & Rey	3	2	9	oa d
Percentage of 'certain' and probable outdoor individuals	%NOB = 21	Lathridius minutus group	3	2	9	rd
Index of diversity of outdoor component	alpha OB = 77	Anotylus tetracarlinatus (Block)	2	1	13	rt
Standard error	SE alpha OB = 45	Oxytelus sculptus Gravenhorst	2	1	13	rt
Number of aquatic taxa	SW = 4	Philonthus sp. B	2	1	13	u
Percentage of aquatic taxa	%SW = 5	Falagria sp.	2	1	13	rt
Number of aquatic individuals	NW = 4	Trox scaber (Linnaeus)	2	1	13	rt
Percentage of aquatic individuals	%NW = 4	Aphodius sp. B	2	1	13	ob rf
Number of damp ground/waterside taxa	SD = 2	Stegobium paniceum (Linnaeus)	2	1	13	rd
Percentage of damp ground/waterside taxa	%SD = 3	Tipnus unicolor (Piller & Mitterpacher)	2	1	13	rd
Number of damp ground/waterside individuals	ND = 4	Ptinus ?fur (Linnaeus)	2	1	13	rd
Percentage of damp ground/waterside individuals	%ND = 4	Monotoma spinicollis Aube	2	1	13	rt
Number of strongly plant-associated taxa	SP = 8	Cryptophagus sp.	2	1	13	rd
Percentage of strongly plant-associated taxa	%SP = 10	Aglenus brunneus (Gyllenhal)	2	1	13	rt
Number of strongly plant-associated individuals	NP = 8	Corixidae sp.	1	1	25	oa w
Percentage of strongly plant-associated individuals	%NP = 7	Auchenorhyncha sp. A	1	1	25	oa p
Number of heathland/moorland taxa	SM = 0	Auchenorhyncha sp. B	1	1	25	oa p
Percentage of heathland/moorland taxa	%SM = 0	Bembidion sp.	1	1	25	oa
Number of wood-associated taxa	SL = 2	Carabidae sp. A	1	1	25	ob
Percentage of wood-associated taxa	%SL = 2	Carabidae sp. B	1	1	25	ob
Number of wood-associated individuals	NL = 5	Carabidae sp. C	1	1	25	ob
Percentage of wood-associated individuals	%NL = 4	Carabidae sp. D	1	1	25	ob
Number of decomposer taxa	SRT = 45	Hydroporinae sp.	1	1	25	oa w
Percentage of decomposer taxa	%SRT = 57	Helophorus sp.	1	1	25	oa w
Number of decomposer individuals	NRT = 72	Sphaeridium sp.	1	1	25	rf
Percentage of decomposer individuals	%NRT = 64	Cercyon melanocephalus (Linnaeus)	1	1	25	rt
Number of 'dry' decomposer taxa	SRD = 8	Cercyon terminatus (Marsham)	1	1	25	rf
Percentage of 'dry' decomposer taxa	%SRD = 10					

Cercyon unipunctatus (Linnaeus)	1	1	25	rf	Number of 'certain' outdoor taxa	SOA =	35
Ptiliidae sp.	1	1	25	u	Percentage of 'certain' outdoor taxa	%SOA =	29
Xylodromus concinnus (Marsham)	1	1	25	rt	Number of 'certain' outdoor individuals	NOA =	51
Carpelimus ?bilineatus Stephens	1	1	25	rt	Percentage of 'certain' outdoor individuals	%NOA =	17
Platystethus arenarius (Fourcroy)	1	1	25	rf	Number of 'certain' and probable outdoor taxa	SOB =	44
Platystethus nitens (Sahlberg)	1	1	25	oa d	Percentage of 'certain' and probable outdoor taxa	%SOB =	37
Anotylus rugosus (Fabricius)	1	1	25	rt	Number of 'certain' and probable outdoor individuals	NOB =	72
Stenus sp.	1	1	25	u	Percentage 'certain' and probable outdoor individuals	%NOB =	25
Leptacinus sp.	1	1	25	rt	Index of diversity of outdoor component	alpha OB =	48
Phacophallus parumpunctatus (Gyllenhal)	1	1	25	rt	Standard error	SE alpha OB =	11
Gyrophypnus sp.	1	1	25	rt	Number of aquatic taxa	SW =	13
Xantholinus sp.	1	1	25	u	Percentage of aquatic taxa	%SW =	11
Neobisnius sp.	1	1	25	u	Number of aquatic individuals	NW =	18
Philonthus sp. A	1	1	25	u	Percentage of aquatic individuals	%NW =	6
Philonthus sp. C	1	1	25	u	Number of damp ground/waterside taxa	SD =	10
Philonthus sp. D	1	1	25	u	Percentage of damp ground/waterside taxa	%SD =	8
Philonthus sp. E	1	1	25	u	Number of damp ground/waterside individuals	ND =	24
?Cratarea suturalis (Mannerheim)	1	1	25	rt	Percentage of damp ground/waterside individuals	%ND =	8
Aleocharinae sp. A	1	1	25	u	Number of strongly plant-associated taxa	SP =	14
Aleocharinae sp. B	1	1	25	u	Percentage of strongly plant-associated taxa	%SP =	12
Aleocharinae sp. C	1	1	25	u	Number of strongly plant-associated individuals	NP =	14
Aphodius granarius (Linnaeus)	1	1	25	ob rf	Percentage of strongly plant-associated individuals	%NP =	5
Aphodius sp. A	1	1	25	ob rf	Number of heathland/moorland taxa	SM =	0
Oxyomus sylvestris (Scopoli)	1	1	25	rt	Number of heathland/moorland individuals	NM =	0
Phyllopertha horticola (Linnaeus)	1	1	25	oa p	Percentage of heathland/moorland individuals	%NM =	0
Clambus sp.	1	1	25	rt	Number of wood-associated taxa	SL =	2
Byrrhidae sp.	1	1	25	oa p	Number of wood-associated individuals	NL =	3
Necrobia violacea (Linnaeus)	1	1	25	rt	Percentage of wood-associated individuals	%NL =	1
Omosita discoidea (Fabricius)	1	1	25	rt	Number of decomposer taxa	SRT =	51
Monotoma ?longicollis (Gyllenhal)	1	1	25	rt	Percentage of decomposer taxa	%SRT =	43
Pediacus dermestoides (Fabricius)	1	1	25	l	Number of decomposer individuals	NRT =	155
Cryptophagus scutellatus Newman	1	1	25	rd	Percentage of decomposer individuals	%NRT =	53
Mycetaea hirta (Marsham)	1	1	25	rd	Number of 'dry' decomposer taxa	SRD =	10
Enicmus sp.	1	1	25	rt	Percentage of 'dry' decomposer taxa	%SRD =	8
Corticaria sp. A	1	1	25	rt	Number of 'dry' decomposer individuals	NRD =	23
Corticaria sp. B	1	1	25	rt	Percentage of 'dry' decomposer individuals	%NRD =	8
Corticaria sp. C	1	1	25	rt	Number of 'foul' decomposer taxa	SRF =	8
Typhaea stercorea (Linnaeus)	1	1	25	rd	Percentage of 'foul' decomposer taxa	%SRF =	7
Tribolium sp.	1	1	25	u	Number of 'foul' decomposer individuals	NRF =	25
Tenebrio obscurus Fabricius	1	1	25	rt	Percentage of 'foul' decomposer individuals	%NRF =	9
Anthicus sp.	1	1	25	rt	Index of diversity of decomposer component	alpha RT =	27
Donaciinae sp.	1	1	25	oa w p	Standard error	SE alpha RT =	3
Chrysomelinae sp.	1	1	25	oa p	Number of individuals of grain pests	NG =	43
Apion sp.	1	1	25	oa p	Percentage of individuals of grain pests	%NG =	15
Sitona sp.	1	1	25	oa p	NB - over 10% grain pests and n > 50: for corrected re-run see over.		
Coleoptera sp.	1	1	25	u	Number of individuals of grain pests	NG =	43
					Number of uncoded taxa	SU =	24
					Percentage of uncoded individuals	PNU =	13

Site: WNW88 Context: 426 Sample: 25/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

Number of individuals estimated as	N =	293
Number of taxa	S =	120
Index of diversity (alpha)	alpha =	76
Standard error of alpha	SE alpha =	7

Site: WNW88 Context: 426 Sample: 25/T - beetle/bug main statistics re-run after subtraction of grain pest component

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

Number of individuals estimated as	N =	250
Number of taxa	S =	116
Index of diversity (alpha)	alpha =	84

Standard error of alpha	SE alpha =	9	Aphodius ?prodromus (Brahm)	9	3	5	ob	rf
Number of 'certain' outdoor taxa	SOA =	35	Falagria ?caesa Erichson	6	2	6	rt	
Percentage of 'certain' outdoor taxa	%SOA =	30	Tribolium castaneum (Herbst)	6	2	6	u	
Number of 'certain' outdoor individuals	NOA =	51	Ochthebius minimus (Fabricius)	5	2	8	oa	w
Percentage of 'certain' outdoor individuals	%NOA =	20	Carpelimus bilineatus Stephens	5	2	8	rt	
Number of 'certain' and probable outdoor taxa	SOB =	44	Carpelimus ?corticinus (Gravenhorst)	5	2	8	oa	d
Percentage of 'certain' and probable outdoor taxa	%SOB =	38	Cryptophagus sp.	5	2	8	rd	
Number of 'certain' and probable outdoor individuals	NOB =	72	Lathridius minutus group	5	2	8	rd	
Percentage 'certain' and probable outdoor individuals	%NOB =	29	Palorus ratzeburgi (Wissman)	5	2	8	g	
Index of diversity of outdoor component	alpha OB =	48	Cercyon analis (Paykull)	4	1	14	rt	
Standard error	SE alpha OB =	11	Cercyon atricapillus (Marsham)	4	1	14	rf	
Number of aquatic taxa	SW =	13	Platystethus cornutus group	4	1	14	oa	d
Percentage of aquatic taxa	%SW =	11	Anotylus nitidulus (Gravenhorst)	4	1	14	rt	d
Number of aquatic individuals	NW =	18	Oxytelus sculptus Gravenhorst	4	1	14	rt	
Percentage of aquatic individuals	%NW =	7	Aphodius granarius (Linnaeus)	4	1	14	ob	rf
Number of damp ground/waterside taxa	SD =	10	Oxyomus sylvestris (Scopoli)	4	1	14	rt	
Percentage of damp ground/waterside taxa	%SD =	9	Tipnus unicolor (Piller & Mitterpacher)	4	1	14	rd	
Number of damp ground/waterside individuals	ND =	24	Aglenus brunneus (Gyllenhal)	4	1	14	rt	
Percentage of damp ground/waterside individuals	%ND =	10	Sitophilus granarius (Linnaeus)	4	1	14	g	
Number of strongly plant-associated taxa	SP =	14	Platystethus arenarius (Fourcroy)	3	1	24	rf	
Percentage of strongly plant-associated taxa	%SP =	12	Platystethus nitens (Sahlberg)	3	1	24	oa	d
Number of strongly plant-associated individuals	NP =	14	Leptacinus sp.	3	1	24	rt	
Percentage of strongly plant-associated individuals	%NP =	6	Neobisnius sp.	3	1	24	u	
Number of heathland/moorland taxa	SM =	0	Philonthus sp. C	3	1	24	u	
Number of heathland/moorland individuals	NM =	0	Euplectini sp.	3	1	24	u	
Percentage of heathland/moorland individuals	%NM =	0	Helophorus sp. A	2	1	30	oa	w
Number of wood-associated taxa	SL =	2	Cercyon ?tristis (Illiger)	2	1	30	oa	d
Number of wood-associated individuals	NL =	3	Omalium ?rivulare (Paykull)	2	1	30	rt	
Percentage of wood-associated individuals	%NL =	1	Xylodromus concinnus (Marsham)	2	1	30	rt	
Number of decomposer taxa	SRT =	51	Anotylus complanatus (Erichson)	2	1	30	rt	
Percentage of decomposer taxa	%SRT =	44	Stenus sp.	2	1	30	u	
Number of decomposer individuals	NRT =	155	Leptacinus ?pusillus (Stephens)	2	1	30	rt	
Percentage of decomposer individuals	%NRT =	62	Gyrophypnus fracticornis (Muller)	2	1	30	rt	
Number of 'dry' decomposer taxa	SRD =	10	Xantholinus longiventris Heer	2	1	30	rt	
Percentage of 'dry'decomposer taxa	%SRD =	9	Philonthus sp. A	2	1	30	u	
Number of 'dry' decomposer individuals	NRD =	23	Trox scaber (Linnaeus)	2	1	30	rt	
Percentage of 'dry'decomposer individuals	%NRD =	9	Aphodius sp. B	2	1	30	ob	rf
Number of 'foul' decomposer taxa	SRF =	8	Dryops sp.	2	1	30	oa	d
Percentage of 'foul' decomposer taxa	%SRF =	7	Anobium punctatum (Degeer)	2	1	30	l	
Number of 'foul' decomposer individuals	NRF =	25	Ptinus sp.	2	1	30	rd	
Percentage of 'foul' decomposer individuals	%NRF =	10	Omosita discoidea (Fabricius)	2	1	30	rt	
Index of diversity of decomposer component	alpha RT =	27	Monotoma bicolor Villa	2	1	30	rt	
Standard error	SE alpha RT =	3	Cryptophagus ?scutellatus Newman	2	1	30	rd	
Number of individuals of grain pests	NG =	43	Corticaria sp.	2	1	30	rt	
Number of uncoded taxa	SU =	24	Anthicus formicarius (Goeze)	2	1	30	rt	
Percentage of uncoded individuals	PNU =	15	Heterogaster urticae (Fabricius)	1	0	50	oa	p

Site: WNW88 Context: 426 Sample: 25/T - species list in rank order

Taxon	Number	%	Rank	Ecodes					
Acritus nigricornis (Hoffmann)	20	7	1	rt	Pterostichus sp.	1	0	50	ob
Oryzaephilus surinamensis (Linnaeus)	20	7	1	g	Harpalus sp.	1	0	50	oa
Ptenidium sp. A	19	6	3	rt	Carabidae sp. A	1	0	50	ob
Cryptolestes ferrugineus (Stephens)	14	5	4	g	Carabidae sp. B	1	0	50	ob

Haliphus sp.	1	0	50	oa	w	Coleoptera sp. A	1	0	50	u
?Rhantus sp.	1	0	50	oa	w	Coleoptera sp. B	1	0	50	u
Colymbetinae sp. A	1	0	50	oa	w					
Colymbetinae sp. B	1	0	50	oa	w					
Helophorus sp. B	1	0	50	oa	w					
Coelostoma orbiculare (Fabricius)	1	0	50	oa	w					
Cercyon terminatus (Marshall)	1	0	50	rf						
Cercyon sp.	1	0	50	u						
Hydrobius fuscipes (Linnaeus)	1	0	50	oa	w					
Cymbiodyta marginella (Fabricius)	1	0	50	oa	w					
Hydraena sp.	1	0	50	oa	w					
Ptenidium sp. B	1	0	50	rt						
Acrotrichis sp.	1	0	50	rt						
Dropephylla sp.	1	0	50	u						
Carpelimus fuliginosus (Gravenhorst)	1	0	50	u						
Carpelimus ?rivularis (Motschulsky)	1	0	50	ob	d					
Platystethus sp.	1	0	50	u						
Anotylus rugosus (Fabricius)	1	0	50	rt						
Anotylus tetracarinaratus (Block)	1	0	50	rt						
Lithocharis sp.	1	0	50	rt						
Rugilus sp.	1	0	50	rt						
Gyrophypnus ?angustatus Stephens	1	0	50	rt						
Philonthus sp. B	1	0	50	u						
Staphylininae sp. A	1	0	50	u						
Cordalia obscura (Gravenhorst)	1	0	50	rt						
Aleocharinae sp. A	1	0	50	u						
Aleocharinae sp. B	1	0	50	u						
Aleocharinae sp. C	1	0	50	u						
Aleocharinae sp. D	1	0	50	u						
Aleocharinae sp. E	1	0	50	u						
Aleocharinae sp. F	1	0	50	u						
Aleocharinae sp. G	1	0	50	u						
Aleocharinae sp. H	1	0	50	u						
?Geotrupes sp.	1	0	50	oa	rf					
Aphodius sp. A	1	0	50	ob	rf					
?Phyllopertha horticola (Linnaeus)	1	0	50	oa	p					
?Calyptomerus dubius (Marshall)	1	0	50	rt						
Elateridae sp.	1	0	50	ob						
Dermestidae sp.	1	0	50	u						
Stegobium paniceum (Linnaeus)	1	0	50	rd						
Tenebroides mauritanicus (Linnaeus)	1	0	50	rt						
Necrobia sp.	1	0	50	rd						
Atomaria nigripennis (Kugelann)	1	0	50	rd						
Atomaria sp.	1	0	50	rd						
Ephistemus globulus (Paykull)	1	0	50	rd						
Enicmus sp.	1	0	50	rt						
Blaps sp.	1	0	50	rt						
Prasocuris phellandrii (Linnaeus)	1	0	50	oa	p d					
Phyllotreta sp.	1	0	50	oa	p					
Altica sp.	1	0	50	oa	p					
Apion sp.	1	0	50	oa	p					
?Sitona sp.	1	0	50	oa	p					
?Hypera punctata (Fabricius)	1	0	50	oa	p					
Tanyphyrus lemnae (Paykull)	1	0	50	oa	w p					
Bagous sp.	1	0	50	oa	w					
Notaris acridulus (Linnaeus)	1	0	50	oa	d p					
Scolytidae sp.	1	0	50	l						

Site: WNW88 Context: 472 Sample: 26/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

Number of individuals estimated as	N =	164
Number of taxa	S =	109
Index of diversity (alpha)	alpha =	142
Standard error of alpha	SE alpha =	22
Number of 'certain' outdoor taxa	SOA =	46
Percentage of 'certain' outdoor taxa	%SOA =	42
Number of 'certain' outdoor individuals	NOA =	65
Percentage of 'certain' outdoor individuals	%NOA =	40
Number of 'certain' and probable outdoor taxa	SOB =	54
Percentage of 'certain' and probable outdoor taxa	%SOB =	50
Number of 'certain' and probable outdoor individuals	NOB =	79
Percentage of 'certain' and probable outdoor individuals	%NOB =	48
Index of diversity of outdoor component	alpha OB =	75
Standard error	SE alpha OB =	17
Number of aquatic taxa	SW =	14
Percentage of aquatic taxa	%SW =	13
Number of aquatic individuals	NW =	22
Percentage of aquatic individuals	%NW =	13
Number of damp ground/waterside taxa	SD =	10
Percentage of damp ground/waterside taxa	%SD =	9
Number of damp ground/waterside individuals	ND =	28
Percentage of damp ground/waterside individuals	%ND =	17
Number of strongly plant-associated taxa	SP =	25
Percentage of strongly plant-associated taxa	%SP =	23
Number of strongly plant-associated individuals	NP =	25
Percentage of strongly plant-associated individuals	%NP =	15
Number of heathland/moorland taxa	SM =	0
Number of heathland/moorland individuals	NM =	0
Percentage of heathland/moorland individuals	%NM =	0
Number of wood-associated taxa	SL =	1
Number of wood-associated individuals	NL =	3
Percentage of wood-associated individuals	%NL =	2
Number of decomposer taxa	SRT =	34
Percentage of decomposer taxa	%SRT =	31
Number of decomposer individuals	NRT =	53
Percentage of decomposer individuals	%NRT =	32
Number of 'dry' decomposer taxa	SRD =	5
Percentage of 'dry' decomposer taxa	%SRD =	5
Number of 'dry' decomposer individuals	NRD =	11
Percentage of 'dry' decomposer individuals	%NRD =	7
Number of 'foul' decomposer taxa	SRF =	8
Percentage of 'foul' decomposer taxa	%SRF =	7
Number of 'foul' decomposer individuals	NRF =	9
Percentage of 'foul' decomposer individuals	%NRF =	5
Index of diversity of decomposer component	alpha RT =	41

Standard error	SE alpha RT =	11
Number of individuals of grain pests	NG =	6
Percentage of individuals of grain pests	%NG =	4
Number of individuals of grain pests	NG =	6
Number of uncoded taxa	SU =	21
Percentage of uncoded individuals	PNU =	16

Site: WNW88 Context: 472 Sample: 26/T - species list in rank order

Taxon	Number	%	Rank	Ecodes				
Platystethus degener Mulsant & Rey	8	5	1	oa d	Carabidae sp. B	1	1	31 ob
Carpelimus rivularis (Motschulsky)	7	4	2	ob d	Carabidae sp. C	1	1	31 ob
Ochthebius sp.	6	4	3	oa w	Noterus ?clavicornis (Degeer)	1	1	31 oa w
Lathridius minutus group	5	3	4	rd	Hydroporinae sp.	1	1	31 oa w
Carpelimus bilineatus Stephens	4	2	5	rt	Colymbetes fuscus (Linnaeus)	1	1	31 oa w
Leptacinus sp.	3	2	6	rt	Helophorus sp. A	1	1	31 oa w
Falagria ?caesa Erichson	3	2	6	rt	Helophorus sp. B	1	1	31 oa w
Dryops sp.	3	2	6	oa d	Cercyon analis (Paykull)	1	1	31 rt
Anobium punctatum (Degeer)	3	2	6	l	Cercyon haemorrhoidalis (Fabricius)	1	1	31 rf
Oryzaeophilus surinamensis (Linnaeus)	3	2	6	g	Cercyon unipunctatus (Linnaeus)	1	1	31 rf
Dictyla convergens (Herrich-Schaeffer)	2	1	11	oa w	Hydrobius fuscipes (Linnaeus)	1	1	31 oa w
Corixidae sp. A	2	1	11	oa w	Enochrus sp.	1	1	31 oa w
Helophorus sp. C	2	1	11	oa w	Hydrophilinae sp.	1	1	31 oa w
Cercyon terminatus (Marsham)	2	1	11	rf	Acrotrichis sp.	1	1	31 rt
Carpelimus corticinus (Gravenhorst)	2	1	11	oa d	?Silphidae sp.	1	1	31 u
Carpelimus pusillus group	2	1	11	u	Omalium ?rivulare (Paykull)	1	1	31 rt
Platystethus nitens (Sahlberg)	2	1	11	oa d	Xylodromus concinnus (Marsham)	1	1	31 rt
Anotylus nitidulus (Gravenhorst)	2	1	11	rt d	Platystethus arenarius (Fourcroy)	1	1	31 rf
Anotylus rugosus (Fabricius)	2	1	11	rt	Oxytelus sculptus Gravenhorst	1	1	31 rt
Stenus sp. C	2	1	11	u	Stenus sp. A	1	1	31 u
Neobisnius sp.	2	1	11	u	Stenus sp. B	1	1	31 u
Staphylininae sp. A	2	1	11	u	Othius myrmecophilus Kiesenwetter	1	1	31 rt
Aleocharinae sp. A	2	1	11	u	Gyrophypnus fracticornis (Muller)	1	1	31 rt
Aleocharinae sp. B	2	1	11	u	Xantholinus sp.	1	1	31 u
Tipnus unicolor (Piller & Mitterpacher)	2	1	11	rd	Philonthus sp.	1	1	31 u
Monotoma ?longicollis (Gyllenhal)	2	1	11	rt	Staphylininae sp. B	1	1	31 u
Cryptolestes ferrugineus (Stephens)	2	1	11	g	Staphylininae sp. C	1	1	31 u
Atomaria sp.	2	1	11	rd	Mycetoporus sp.	1	1	31 u
Corticaria sp.	2	1	11	rt	Tachyporus sp.	1	1	31 u
Cortinicara gibbosa (Herbst)	2	1	11	rt	Aleocharinae sp. C	1	1	31 u
Sehirus luctuosus (Mulsant & Rey)	1	1	31	oa p	Aleocharinae sp. D	1	1	31 u
Scolopostethus sp.	1	1	31	oa p	Aleocharinae sp. E	1	1	31 u
Lygaeidae sp. A	1	1	31	oa p	Trox scaber (Linnaeus)	1	1	31 rt
Lygaeidae sp. B	1	1	31	oa p	Aphodius granarius (Linnaeus)	1	1	31 ob rf
Lygaeidae sp. C	1	1	31	oa p	Aphodius sp. A	1	1	31 ob rf
Miridae sp. A	1	1	31	oa p	Aphodius sp. B	1	1	31 ob rf
Miridae sp. B	1	1	31	oa p	Aphodius sp. C	1	1	31 ob rf
Saldula sp.	1	1	31	oa d	Oxyomus sylvestris (Scopoli)	1	1	31 rt
Corixidae sp. B	1	1	31	oa w	Hoplia philanthus Illiger	1	1	31 oa
Auchenorrhyncha sp. A	1	1	31	oa p	Cyphon sp.	1	1	31 oa d
Auchenorrhyncha sp. B	1	1	31	oa p	Byrrhidae sp.	1	1	31 oa p
Auchenorrhyncha sp. C	1	1	31	oa p	Ptinus sp.	1	1	31 rd
Pterostichus minor (Gyllenhal)	1	1	31	oa	Meligethes sp.	1	1	31 oa p
Carabidae sp. A	1	1	31	ob	Omosita colon (Linnaeus)	1	1	31 rt
					Atomaria sp. B	1	1	31 rd
					?Sericoderus lateralis (Gyllenhal)	1	1	31 rt
					Enicmus sp.	1	1	31 rt
					Aglenus brunneus (Gyllenhal)	1	1	31 rt
					Anthicus bifasciatus (Rossi)	1	1	31 u
					Donaciinae sp.	1	1	31 oa w p
					?Phaedon sp.	1	1	31 oa p
					Prasocuris phellandrii (Linnaeus)	1	1	31 oa p d
					Galerucella sp.	1	1	31 oa p
					Longitarsus sp.	1	1	31 oa p
					?Altica sp.	1	1	31 oa p
					Chaetocnema concinna (Marsham)	1	1	31 oa p
					Halticinae sp.	1	1	31 oa p

Apion sp. A	1	1	31	oa	p	Number of 'foul' decomposer individuals	NRF =	9
Apion sp. B	1	1	31	oa	p	Percentage of 'foul' decomposer individuals	%NRF =	9
Sitophilus granarius (Linnaeus)	1	1	31	g		Index of diversity of decomposer component	alpha RT =	29
Notaris acridulus (Linnaeus)	1	1	31	oa	d p	Standard error	SE alpha RT =	7
Ceutorhynchus sp.	1	1	31	oa	p	Number of individuals of grain pests	NG =	15
Ceuthorhynchinae sp.	1	1	31	oa	p	Percentage of individuals of grain pests	%NG =	14
Coleoptera sp. A	1	1	31	u		NB - over 10% grain pests and n > 50: for corrected re-run see over.		
Coleoptera sp. B	1	1	31	u		Number of individuals of grain pests	NG =	15
						Number of uncoded taxa	SU =	18
						Percentage of uncoded individuals	PNU =	18

Site: WNW88 Context: 424 Sample: 32/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

Number of individuals estimated as	N =	105
Number of taxa	S =	69
Index of diversity (alpha)	alpha =	87
Standard error of alpha	SE alpha =	17
Number of 'certain' outdoor taxa	SOA =	12
Percentage of 'certain' outdoor taxa	%SOA =	17
Number of 'certain' outdoor individuals	NOA =	13
Percentage of 'certain' outdoor individuals	%NOA =	12
Number of 'certain' and probable outdoor taxa	SOB =	19
Percentage of 'certain' and probable outdoor taxa	%SOB =	28
Number of 'certain' and probable outdoor individuals	NOB =	23
Percentage 'certain' and probable outdoor individuals	%NOB =	22
Index of diversity of outdoor component	alpha OB =	50
Standard error	SE alpha OB =	26
Number of aquatic taxa	SW =	1
Percentage of aquatic taxa	%SW =	1
Number of aquatic individuals	NW =	1
Percentage of aquatic individuals	%NW =	1
Number of damp ground/waterside taxa	SD =	5
Percentage of damp ground/waterside taxa	%SD =	7
Number of damp ground/waterside individuals	ND =	7
Percentage of damp ground/waterside individuals	%ND =	7
Number of strongly plant-associated taxa	SP =	3
Percentage of strongly plant-associated taxa	%SP =	4
Number of strongly plant-associated individuals	NP =	3
Percentage of strongly plant-associated individuals	%NP =	3
Number of heathland/moorland taxa	SM =	0
Number of heathland/moorland individuals	NM =	0
Percentage of heathland/moorland individuals	%NM =	0
Number of wood-associated taxa	SL =	2
Number of wood-associated individuals	NL =	2
Percentage of wood-associated individuals	%NL =	2
Number of decomposer taxa	SRT =	30
Percentage of decomposer taxa	%SRT =	43
Number of decomposer individuals	NRT =	53
Percentage of decomposer individuals	%NRT =	50
Number of 'dry' decomposer taxa	SRD =	6
Percentage of 'dry' decomposer taxa	%SRD =	9
Number of 'dry' decomposer individuals	NRD =	10
Percentage of 'dry' decomposer individuals	%NRD =	10
Number of 'foul' decomposer taxa	SRF =	6
Percentage of 'foul' decomposer taxa	%SRF =	9

Site: WNW88 Context: 424 Sample: 32/T - beetle/bug main statistics re-run after subtraction of grain pest component

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

Number of individuals estimated as	N =	90
Number of taxa	S =	65
Index of diversity (alpha)	alpha =	104
Standard error of alpha	SE alpha =	23
Number of 'certain' outdoor taxa	SOA =	12
Percentage of 'certain' outdoor taxa	%SOA =	18
Number of 'certain' outdoor individuals	NOA =	13
Percentage of 'certain' outdoor individuals	%NOA =	14
Number of 'certain' and probable outdoor taxa	SOB =	19
Percentage of 'certain' and probable outdoor taxa	%SOB =	29
Number of 'certain' and probable outdoor individuals	NOB =	23
Percentage 'certain' and probable outdoor individuals	%NOB =	26
Index of diversity of outdoor component	alpha OB =	50
Standard error	SE alpha OB =	26
Number of aquatic taxa	SW =	1
Percentage of aquatic taxa	%SW =	2
Number of aquatic individuals	NW =	1
Percentage of aquatic individuals	%NW =	1
Number of damp ground/waterside taxa	SD =	5
Percentage of damp ground/waterside taxa	%SD =	8
Number of damp ground/waterside individuals	ND =	7
Percentage of damp ground/waterside individuals	%ND =	8
Number of strongly plant-associated taxa	SP =	3
Percentage of strongly plant-associated taxa	%SP =	5
Number of strongly plant-associated individuals	NP =	3
Percentage of strongly plant-associated individuals	%NP =	3
Number of heathland/moorland taxa	SM =	0
Number of heathland/moorland individuals	NM =	0
Percentage of heathland/moorland individuals	%NM =	0
Number of wood-associated taxa	SL =	2
Number of wood-associated individuals	NL =	2
Percentage of wood-associated individuals	%NL =	2
Number of decomposer taxa	SRT =	30
Percentage of decomposer taxa	%SRT =	46
Number of decomposer individuals	NRT =	53
Percentage of decomposer individuals	%NRT =	59
Number of 'dry' decomposer taxa	SRD =	6
Percentage of 'dry' decomposer taxa	%SRD =	9
Number of 'dry' decomposer individuals	NRD =	10
Percentage of 'dry' decomposer individuals	%NRD =	11

Number of 'foul' decomposer taxa	SRF =	6
Percentage of 'foul' decomposer taxa	%SRF =	9
Number of 'foul' decomposer individuals	NRF =	9
Percentage of 'foul' decomposer individuals	%NRF =	10
Index of diversity of decomposer component	alpha RT =	29
Standard error	SE alpha RT =	7
Number of individuals of grain pests	NG =	15
Number of uncoded taxa	SU =	18
Percentage of uncoded individuals	PNU =	21

Falagria ?caesa Erichson	1	1	17	rt
?Crataraea suturalis (Mannerheim)	1	1	17	rt
Aleocharinae sp. A	1	1	17	u
Aleocharinae sp. B	1	1	17	u
Trox scaber (Linnaeus)	1	1	17	rt
Aphodius sp. A	1	1	17	ob rf
Aphodius sp. B	1	1	17	ob rf
Aphodius sp. C	1	1	17	ob rf
Phyllopertha horticola (Linnaeus)	1	1	17	oa p
Elateridae sp.	1	1	17	ob
Anobium punctatum (Degeer)	1	1	17	l
Tipnus unicolor (Piller & Mitterpacher)	1	1	17	rd
Lyctus linearis (Goeze)	1	1	17	l
Omosita sp.	1	1	17	rt
Cryptophagus sp. A	1	1	17	rd
Cryptophagus sp. B	1	1	17	rd
Corticaria sp.	1	1	17	rt
Corticaria or Cortinicara sp.	1	1	17	rt
Typhaea stercorea (Linnaeus)	1	1	17	rd
Tribolium castaneum (Herbst)	1	1	17	u
Palorus ratzeburgi (Wissman)	1	1	17	g
Prasocuris phellandrii (Linnaeus)	1	1	17	oa p d
Apion sp.	1	1	17	oa p
Curculionidae sp. A	1	1	17	oa
Curculionidae sp. B	1	1	17	oa
Coleoptera sp. A	1	1	17	u
Coleoptera sp. B	1	1	17	u
Coleoptera sp. C	1	1	17	u

Site: WNW88 Context: 424 Sample: 32/T - species list in rank order

Taxon	Number	%	Rank	Ecodes
Acritis nigricornis (Hoffmann)	6	6	1	rt
Oryzaephilus surinamensis (Linnaeus)	6	6	1	g
Cryptolestes ferrugineus (Stephens)	5	5	3	g
Aphodius granarius (Linnaeus)	4	4	4	ob rf
Lathridius minutus group	4	4	4	rd
Aglenus brunneus (Gyllenhal)	4	4	4	rt
Cercyon analis (Paykull)	3	3	7	rt
Oxytelus sculptus Gravenhorst	3	3	7	rt
Sitophilus granarius (Linnaeus)	3	3	7	g
Ptenidium sp.	2	2	10	rt
Platystethus ?degener Mulsant & Rey	2	2	10	oa d
Anotylus nitidulus (Gravenhorst)	2	2	10	rt d
Neobisnius sp.	2	2	10	u
Oxyomus sylvestris (Scopoli)	2	2	10	rt
Ptinus ?fur (Linnaeus)	2	2	10	rd
Anthicus floralis or formicarius	2	2	10	rt
Saldidae sp.	1	1	17	oa d
?Dyschirius sp.	1	1	17	oa
Bembidion properans Stephens	1	1	17	oa
?Harpalus sp.	1	1	17	oa
Carabidae sp. A	1	1	17	ob
Carabidae sp. B	1	1	17	ob
Colymbetinae sp.	1	1	17	oa w
Cercyon atricapillus (Marsham)	1	1	17	rf
Cercyon sp. A	1	1	17	u
Cercyon sp. B	1	1	17	u
Gnathoncus nanus (Scriba)	1	1	17	rt
Histerinae sp.	1	1	17	u
Omalius sp.	1	1	17	rt
Xylostromus concinnus (Marsham)	1	1	17	rt
Carpelimus fuliginosus (Gravenhorst)	1	1	17	u
Carpelimus pusillus group	1	1	17	u
Carpelimus bilineatus or rivularis	1	1	17	u
Platystethus arenarius (Fourcroy)	1	1	17	rf
Platystethus nitens (Sahlberg)	1	1	17	oa d
Stenus sp.	1	1	17	u
Leptacinus ?pusillus (Stephens)	1	1	17	rt
Xantholinus sp.	1	1	17	u
Philonthus sp.	1	1	17	u
Staphylininae sp. A	1	1	17	u
Staphylininae sp. B	1	1	17	u

Site: WNW88 Context: 308 Sample: 34/T - beetle/bug main statistics

Erosion = 2 Fragmentation = 2; Weight = 1.000kg

Number of individuals estimated as	N =	123
Number of taxa	S =	49
Index of diversity (alpha)	alpha =	30
Standard error of alpha	SE alpha =	4
Number of 'certain' outdoor taxa	SOA =	10
Percentage of 'certain' outdoor taxa	%SOA =	20
Number of 'certain' outdoor individuals	NOA =	10
Percentage of 'certain' outdoor individuals	%NOA =	8
Number of 'certain' and probable outdoor taxa	SOB =	11
Percentage of 'certain' and probable outdoor taxa	%SOB =	22
Number of 'certain' and probable outdoor individuals	NOB =	11
Percentage 'certain' and probable outdoor individuals	%NOB =	9
Diversity index for OB not calculated, NOB = SOB or NOB < 20		
Number of aquatic taxa	SW =	2
Percentage of aquatic taxa	%SW =	4
Number of aquatic individuals	NW =	2
Percentage of aquatic individuals	%NW =	2
Number of damp ground/waterside taxa	SD =	5
Percentage of damp ground/waterside taxa	%SD =	10
Number of damp ground/waterside individuals	ND =	6
Percentage of damp ground/waterside individuals	%ND =	5
Number of strongly plant-associated taxa	SP =	3

Percentage of strongly plant-associated taxa	%SP =	6	Helophorus sp.	1	1	15	oa w
Number of strongly plant-associated individuals	NP =	3	Cercyon ?haemorrhoidalis (Fabricius)	1	1	15	rf
Percentage of strongly plant-associated individuals	%NP =	2	Ochthebius sp.	1	1	15	oa w
Number of heathland/moorland taxa	SM =	0	Phyllodrepa ?floralis (Paykull)	1	1	15	rt
Number of heathland/moorland individuals	NM =	0	Omalium ?rivulare (Paykull)	1	1	15	rt
Percentage of heathland/moorland individuals	%NM =	0	Xylodromus ?depressus (Gravenhorst)	1	1	15	rt
Number of wood-associated taxa	SL =	1	Platystethus cornutus group	1	1	15	oa d
Number of wood-associated individuals	NL =	1	Platystethus ?nitens (Sahlberg)	1	1	15	oa d
Percentage of wood-associated individuals	%NL =	1	Anotylus tetracarlinatus (Block)	1	1	15	rt
Number of decomposer taxa	SRT =	25	Leptacinus sp.	1	1	15	rt
Percentage of decomposer taxa	%SRT =	51	Gyrophynus ?angustatus Stephens	1	1	15	rt
Number of decomposer individuals	NRT =	94	Philonthus sp.	1	1	15	u
Percentage of decomposer individuals	%NRT =	76	Staphylininae sp. A	1	1	15	u
Number of 'dry' decomposer taxa	SRD =	8	Staphylininae sp. C	1	1	15	u
Percentage of 'dry' decomposer taxa	%SRD =	16	Staphylininae sp. D	1	1	15	u
Number of 'dry' decomposer individuals	NRD =	50	Aleocharinae sp. A	1	1	15	u
Percentage of 'dry' decomposer individuals	%NRD =	41	Aleocharinae sp. B	1	1	15	u
Number of 'foul' decomposer taxa	SRF =	1	Aleocharinae sp. D	1	1	15	u
Percentage of 'foul' decomposer taxa	%SRF =	2	Aleocharinae sp. F	1	1	15	u
Number of 'foul' decomposer individuals	NRF =	1	Anobium punctatum (Degeer)	1	1	15	l
Percentage of 'foul' decomposer individuals	%NRF =	1	Ptinus sp.	1	1	15	rd
Index of diversity of decomposer component	alpha RT =	11	Cryptophagus scutellatus Newman	1	1	15	rd
Standard error	SE alpha RT =	2	Cryptophagus sp. B	1	1	15	rd
Number of individuals of grain pests	NG =	0	Atomaria nigripennis (Kugelann)	1	1	15	rd
Percentage of individuals of grain pests	%NG =	0	Phalacridae sp.	1	1	15	oa p
Number of individuals of grain pests	NG =	0	Orthoperus sp.	1	1	15	rt
Number of uncoded taxa	SU =	12	Dienerella sp.	1	1	15	rd
Percentage of uncoded individuals	PNU =	14					

Site: WNW88 Context: 308 Sample: 34/T - species list in rank order

Site: WNW88 Context: 423 Sample: 36/T - beetle/bug main statistics

Taxon	Number	%	Rank	Ecodes
Lathridius minutus group	42	34	1	rd
Cercyon analis (Paykull)	9	7	2	rt
Micropeplus fulvus Erichson	7	6	3	rt
Anotylus rugosus (Fabricius)	4	3	4	rt
Aleocharinae sp. C	4	3	4	u
Anotylus complanatus (Erichson)	3	2	6	rt
Gyrophynus fracticornis (Muller)	3	2	6	rt
Clambus pubescens Redtenbacher	3	2	6	rt
Corticaria sp. B	3	2	6	rt
Anotylus nitidulus (Gravenhorst)	2	2	10	rt d
Staphylininae sp. B	2	2	10	u
Cryptophagus sp. A	2	2	10	rd
Corticaria sp. A	2	2	10	rt
Bruchinae sp.	2	2	10	u
Heterogaster urticae (Fabricius)	1	1	15	oa p
Lyctocoris campestris (Fabricius)	1	1	15	rd
Salididae sp.	1	1	15	oa d
Heteroptera sp.	1	1	15	u
Auchenorrhyncha sp.	1	1	15	oa p
Pterostichus nigrita (Paykull)	1	1	15	oa d
Pterostichus (Poecilus) sp.	1	1	15	oa
Carabidae sp.	1	1	15	ob

Erosion = 2 Fragmentation = 2; Weight = 1.000kg

Number of individuals estimated as	N =	34
Number of taxa	S =	17
Index of diversity (alpha)	alpha =	14
Standard error of alpha	SE alpha =	4
Number of 'certain' outdoor taxa	SOA =	6
Percentage of 'certain' outdoor taxa	%SOA =	35
Number of 'certain' outdoor individuals	NOA =	6
Percentage of 'certain' outdoor individuals	%NOA =	18
Number of 'certain' and probable outdoor taxa	SOB =	8
Percentage of 'certain' and probable outdoor taxa	%SOB =	47
Number of 'certain' and probable outdoor individuals	NOB =	8
Percentage 'certain' and probable outdoor individuals	%NOB =	24
Diversity index for OB not calculated, NOB = SOB or NOB < 20		
Number of aquatic taxa	SW =	2
Percentage of aquatic taxa	%SW =	12
Number of aquatic individuals	NW =	2
Percentage of aquatic individuals	%NW =	6
Number of damp ground/waterside taxa	SD =	0
Percentage of damp ground/waterside taxa	%SD =	0
Number of damp ground/waterside individuals	ND =	0
Percentage of damp ground/waterside individuals	%ND =	0
Number of strongly plant-associated taxa	SP =	1
Percentage of strongly plant-associated taxa	%SP =	6

Number of strongly plant-associated individuals	NP = 1	Number of individuals estimated as	N = 167
Percentage of strongly plant-associated individuals	%NP = 3	Number of taxa	S = 123
Number of heathland/moorland taxa	SM = 0	Index of diversity (alpha)	alpha = 210
Number of heathland/moorland individuals	NM = 0	Standard error of alpha	SE alpha = 35
Percentage of heathland/moorland individuals	%NM = 0	Number of 'certain' outdoor taxa	SOA = 52
Number of wood-associated taxa	SL = 1	Percentage of 'certain' outdoor taxa	%SOA = 42
Number of wood-associated individuals	NL = 1	Number of 'certain' outdoor individuals	NOA = 66
Percentage of wood-associated individuals	%NL = 3	Percentage of 'certain' outdoor individuals	%NOA = 40
Number of decomposer taxa	SRT = 6	Number of 'certain' and probable outdoor taxa	SOB = 59
Percentage of decomposer taxa	%SRT = 35	Percentage of 'certain' and probable outdoor taxa	%SOB = 48
Number of decomposer individuals	NRT = 7	Number of 'certain' and probable outdoor individuals	NOB = 75
Percentage of decomposer individuals	%NRT = 21	Percentage 'certain' and probable outdoor individuals	%NOB = 45
Number of 'dry' decomposer taxa	SRD = 0	Index of diversity of outdoor component	alpha OB = 127
Percentage of 'dry'decomposer taxa	%SRD = 0	Standard error	SE alpha OB = 34
Number of 'dry' decomposer individuals	NRD = 0	Number of aquatic taxa	SW = 15
Percentage of 'dry'decomposer individuals	%NRD = 0	Percentage of aquatic taxa	%SW = 12
Number of 'foul' decomposer taxa	SRF = 2	Number of aquatic individuals	NW = 26
Percentage of 'foul' decomposer taxa	%SRF = 12	Percentage of aquatic individuals	%NW = 16
Number of 'foul' decomposer individuals	NRF = 2	Number of damp ground/waterside taxa	SD = 14
Percentage of 'foul' decomposer individuals	%NRF = 6	Percentage of damp ground/waterside taxa	%SD = 11
Diversity index for RT not calculated, NRT = SRT or NRT < 20		Number of damp ground/waterside individuals	ND = 21
Number of individuals of grain pests	NG = 0	Percentage of damp ground/waterside individuals	%ND = 13
Percentage of individuals of grain pests	%NG = 0	Number of strongly plant-associated taxa	SP = 19
Number of individuals of grain pests	NG = 0	Percentage of strongly plant-associated taxa	%SP = 15
Number of uncoded taxa	SU = 4	Number of strongly plant-associated individuals	NP = 19
Percentage of uncoded individuals	PNU = 59	Percentage of strongly plant-associated individuals	%NP = 11
		Number of heathland/moorland taxa	SM = 1
		Number of heathland/moorland individuals	NM = 1
		Percentage of heathland/moorland individuals	%NM = 1
		Number of wood-associated taxa	SL = 2
		Number of wood-associated individuals	NL = 5
		Percentage of wood-associated individuals	%NL = 3
		Number of decomposer taxa	SRT = 37
		Percentage of decomposer taxa	%SRT = 30
		Number of decomposer individuals	NRT = 54
		Percentage of decomposer individuals	%NRT = 32
		Number of 'dry' decomposer taxa	SRD = 9
		Percentage of 'dry'decomposer taxa	%SRD = 7
		Number of 'dry' decomposer individuals	NRD = 14
		Percentage of 'dry'decomposer individuals	%NRD = 8
		Number of 'foul' decomposer taxa	SRF = 5
		Percentage of 'foul' decomposer taxa	%SRF = 4
		Number of 'foul' decomposer individuals	NRF = 5
		Percentage of 'foul' decomposer individuals	%NRF = 3
		Index of diversity of decomposer component	alpha RT = 51
		Standard error	SE alpha RT = 14
		Number of individuals of grain pests	NG = 0
		Percentage of individuals of grain pests	%NG = 0
		Number of individuals of grain pests	NG = 0
		Number of uncoded taxa	SU = 27
		Percentage of uncoded individuals	PNU = 21

Site: WNW88 Context: 423 Sample: 36/T - species list in rank order

Taxon	Number	%	Rank	Ecodes
Bruchus rufimanus Boheman	17	50	1	u
Anotylus sculpturatus group	2	6	2	rt
Carabus sp.	1	3	3	oa
Clivina sp.	1	3	3	oa
Dytiscus sp.	1	3	3	oa w
Hydrobius fuscipes (Linnaeus)	1	3	3	oa w
Omalius ?rivulare (Paykull)	1	3	3	rt
Stenus sp.	1	3	3	u
Philonthus sp.	1	3	3	u
Aleocharinae sp.	1	3	3	u
Aphodius sp. A	1	3	3	ob rf
Aphodius sp. B	1	3	3	ob rf
?Calyptromerus dubius (Marsham)	1	3	3	rt
Anobium punctatum (Degeer)	1	3	3	l
Oulibrus sp.	1	3	3	oa p
Anthicus sp.	1	3	3	rt
Curculionidae sp.	1	3	3	oa

Site: WNW88 Context: 309 Sample: 37/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

Site: WNW88 Context: 309 Sample: 37/T - species list in rank order

Taxon	Number	%	Rank	Ecodes					
					Omalius ?rivulare (Paykull)	1	1	27	rt
					Carpelimus corticinus (Gravenhorst)	1	1	27	oa d
Helophorus sp. A	6	4	1	oa w	Platystethus arenarius (Fourcroy)	1	1	27	rf
Anotylus nitidulus (Gravenhorst)	5	3	2	rt d	Platystethus nitens (Sahlberg)	1	1	27	oa d
Aleocharinae sp. A	5	3	2	u	Platystethus ?nodifrons (Mannerheim)	1	1	27	oa d
Anobium punctatum (Degeer)	4	2	4	l	Anotylus complanatus (Erichson)	1	1	27	rt
Helophorus sp. B	3	2	5	oa w	Anotylus sculpturatus group	1	1	27	rt
Ochthebius minimus (Fabricius)	3	2	5	oa w	Stenus sp.	1	1	27	u
Carpelimus rivularis (Motschulsky)	3	2	5	ob d	Euaesthetus sp.	1	1	27	oa
Anotylus rugosus (Fabricius)	3	2	5	rt	Lithocharis ochracea (Gravenhorst)	1	1	27	rt
Aleocharinae sp. C	3	2	5	u	Xantholinus sp.	1	1	27	u
Lathridius minutus group	3	2	5	rd	Neobisnius sp.	1	1	27	u
Dyschirius globosus (Herbst)	2	1	11	oa	Philonthus sp. A	1	1	27	u
?Bradycellus sp.	2	1	11	oa	?Philonthus sp. B	1	1	27	u
Laccobius sp.	2	1	11	oa w	Philonthus sp. C	1	1	27	u
Helochares sp.	2	1	11	oa w	Staphylininae sp. A	1	1	27	u
Acritus nigricornis (Hoffmann)	2	1	11	rt	Staphylininae sp. B	1	1	27	u
Platystethus degener Mulsant & Rey	2	1	11	oa d	Staphylininae sp. C	1	1	27	u
Gyrophynus sp.	2	1	11	rt	Tachinus subterraneus (Linnaeus)	1	1	27	u
Staphylininae sp. D	2	1	11	u	Crataraea suturalis (Mannerheim)	1	1	27	rt
Falagria ?caesa Erichson	2	1	11	rt	Aleocharinae sp. D	1	1	27	u
Aleocharinae sp. B	2	1	11	u	Aleocharinae sp. E	1	1	27	u
Monotoma sp.	2	1	11	rt	Aleocharinae sp. F	1	1	27	u
Cryptophagus sp. B	2	1	11	rd	Aleocharinae sp. G	1	1	27	u
Atomaria sp. A	2	1	11	rd	Trox scaber (Linnaeus)	1	1	27	rt
Atomaria sp. B	2	1	11	rd	Aphodius sp. A	1	1	27	ob rf
Corticaria sp. A	2	1	11	rt	Aphodius sp. B	1	1	27	ob rf
Corticaria sp. B	2	1	11	rt	Oxyomus sylvestris (Scopoli)	1	1	27	rt
Lygaeidae sp.	1	1	27	oa p	?Calyptomerus dubius (Marsham)	1	1	27	rt
Corixidae sp.	1	1	27	oa w	Cyphon sp.	1	1	27	oa d
Auchenorrhyncha sp.	1	1	27	oa p	Dryops sp.	1	1	27	oa d
Bembidion guttula or mannerheimi	1	1	27	oa	Elateridae sp.	1	1	27	ob
Bembidion (Philochthus) sp.	1	1	27	oa	Ptinus fur (Linnaeus)	1	1	27	rd
Pterostichus (Poecilus) sp.	1	1	27	oa	Lyctus linearis (Goeze)	1	1	27	l
Pterostichus sp. A	1	1	27	ob	Meligethes sp.	1	1	27	oa p
Pterostichus sp. B	1	1	27	ob	Cryptophagus ?scutellatus Newman	1	1	27	rd
?Acupalpus sp.	1	1	27	oa	Cryptophagus sp. A	1	1	27	rd
Carabidae sp.	1	1	27	ob	Anisosticta novemdecimpunctata (Linnaeus)	1	1	27	oa p d
Halplidae sp.	1	1	27	u	Mycetaea hirta (Marsham)	1	1	27	rd
Hydroporinae sp.	1	1	27	oa w	Enicmus sp.	1	1	27	rt
?Agabus sp.	1	1	27	oa w	Corticaria sp. C	1	1	27	rt
Dytiscus sp.	1	1	27	oa w	Corticarina or Cortinicara sp.	1	1	27	rt
Gyrinus sp.	1	1	27	oa w	Typhaea stercorea (Linnaeus)	1	1	27	rd
Coelostoma orbiculare (Fabricius)	1	1	27	oa w	Aglenus brunneus (Gyllenhal)	1	1	27	rt
Sphaeridium ?bipustulatum Fabricius	1	1	27	rf	Bruchus sp.	1	1	27	u
Cercyon analis (Paykull)	1	1	27	rt	Donacia sp.	1	1	27	oa w p
Cercyon ?haemorrhoidalis (Fabricius)	1	1	27	rf	Prasocuris phellandrii (Linnaeus)	1	1	27	oa p d
Cercyon marinus Thomson	1	1	27	oa d	?Galerucella sp.	1	1	27	oa p
Cercyon tristis (Illiger)	1	1	27	oa d	Phyllotreta nemorum group	1	1	27	oa p
Cercyon ustulatus (Preysler)	1	1	27	oa d	Phyllotreta sp.	1	1	27	oa p
Megasternum obscurum (Marsham)	1	1	27	rt	Chaetocnema concinna (Marsham)	1	1	27	oa p
Cymbiodyta marginella (Fabricius)	1	1	27	oa w	Apion sp. A	1	1	27	oa p
Histerinae sp.	1	1	27	u	Apion sp. B	1	1	27	oa p
Acrotichis sp.	1	1	27	rt	?Sitona sp.	1	1	27	oa p
Silphidae sp.	1	1	27	u	Tanysphyrus lemnae (Paykull)	1	1	27	oa w p
Scydmaenidae sp.	1	1	27	u	Bagous sp.	1	1	27	oa w
Dropephylla sp.	1	1	27	u	Notaris acridulus (Linnaeus)	1	1	27	oa d p

Micrelus ericae (Gyllenhal)	1	1	27	oa p m	Percentage of 'foul' decomposer taxa	%SRF =	7
Ceutorhynchus ?contractus (Marsham)	1	1	27	oa p	Number of 'foul' decomposer individuals	NRF =	1
Ceutorhynchus sp.	1	1	27	oa p	Percentage of 'foul' decomposer individuals	%NRF =	6
?Amalus scortillum (Herbst)	1	1	27	oa p	Diversity index for RT not calculated, NRT = SRT or NRT < 20		
Curculionidae sp. A	1	1	27	oa	Number of individuals of grain pests	NG =	0
Curculionidae sp. B	1	1	27	oa	Percentage of individuals of grain pests	%NG =	0
Curculionidae sp. C	1	1	27	oa	Number of individuals of grain pests	NG =	0
Curculionidae sp. D	1	1	27	oa	Number of uncoded taxa	SU =	5
Coleoptera sp. A	1	1	27	u	Percentage of uncoded individuals	PNU =	35
Coleoptera sp. B	1	1	27	u			
Coleoptera sp. C	1	1	27	u			

Site: WNW88 Context: 320 Sample: 38/T - beetle/bug main statistics

Site: WNW88 Context: 320 Sample: 38/T - species list in rank order

Erosion = 4 Fragmentation = 3; Weight = 1.000kg

Number of individuals estimated as	N =	17
Number of taxa	S =	14
Index of diversity not calculated, n = s or n < 20		
Number of 'certain' outdoor taxa	SOA =	1
Percentage of 'certain' outdoor taxa	%SOA =	7
Number of 'certain' outdoor individuals	NOA =	1
Percentage of 'certain' outdoor individuals	%NOA =	6
Number of 'certain' and probable outdoor taxa	SOB =	3
Percentage of 'certain' and probable outdoor taxa	%SOB =	21
Number of 'certain' and probable outdoor individuals	NOB =	3
Percentage 'certain' and probable outdoor individuals	%NOB =	18
Diversity index for OB not calculated, NOB = SOB or NOB < 20		
Number of aquatic taxa	SW =	0
Percentage of aquatic taxa	%SW =	0
Number of aquatic individuals	NW =	0
Percentage of aquatic individuals	%NW =	0
Number of damp ground/waterside taxa	SD =	1
Percentage of damp ground/waterside taxa	%SD =	7
Number of damp ground/waterside individuals	ND =	1
Percentage of damp ground/waterside individuals	%ND =	6
Number of strongly plant-associated taxa	SP =	0
Percentage of strongly plant-associated taxa	%SP =	0
Number of strongly plant-associated individuals	NP =	0
Percentage of strongly plant-associated individuals	%NP =	0
Number of heathland/moorland taxa	SM =	0
Number of heathland/moorland individuals	NM =	0
Percentage of heathland/moorland individuals	%NM =	0
Number of wood-associated taxa	SL =	0
Number of wood-associated individuals	NL =	0
Percentage of wood-associated individuals	%NL =	0
Number of decomposer taxa	SRT =	7
Percentage of decomposer taxa	%SRT =	50
Number of decomposer individuals	NRT =	9
Percentage of decomposer individuals	%NRT =	53
Number of 'dry' decomposer taxa	SRD =	0
Percentage of 'dry' decomposer taxa	%SRD =	0
Number of 'dry' decomposer individuals	NRD =	0
Percentage of 'dry' decomposer individuals	%NRD =	0
Number of 'foul' decomposer taxa	SRF =	1

Taxon	Number	%	Rank	Ecodes
Anotylus complanatus (Erichson)	3	18	1	rt
Bruchus ?rufimanus Boheman	2	12	2	u
Pterostichus sp.	1	6	3	ob
Cercyon analis (Paykull)	1	6	3	rt
Cercyon sp. A	1	6	3	u
Cercyon sp. B	1	6	3	u
Anotylus nitidulus (Gravenhorst)	1	6	3	rt d
Anotylus rugosus (Fabricius)	1	6	3	rt
Tachinus sp.	1	6	3	u
Aphodius sp.	1	6	3	ob rf
Oxyomus sylvestris (Scopoli)	1	6	3	rt
Corticaria sp.	1	6	3	rt
Curculionidae sp.	1	6	3	oa
Coleoptera sp.	1	6	3	u

Site: WO89 Context: 526 Sample: 10/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

Number of individuals estimated as	N =	104
Number of taxa	S =	69
Index of diversity (alpha)	alpha =	89
Standard error of alpha	SE alpha =	17
Number of 'certain' outdoor taxa	SOA =	13
Percentage of 'certain' outdoor taxa	%SOA =	19
Number of 'certain' outdoor individuals	NOA =	15
Percentage of 'certain' outdoor individuals	%NOA =	14
Number of 'certain' and probable outdoor taxa	SOB =	17
Percentage of 'certain' and probable outdoor taxa	%SOB =	25
Number of 'certain' and probable outdoor individuals	NOB =	19
Percentage 'certain' and probable outdoor individuals	%NOB =	18
Diversity index for OB not calculated, NOB = SOB or NOB < 20		
Number of aquatic taxa	SW =	3
Percentage of aquatic taxa	%SW =	4
Number of aquatic individuals	NW =	3
Percentage of aquatic individuals	%NW =	3
Number of damp ground/waterside taxa	SD =	3

Percentage of damp ground/waterside taxa	%SD =	4	Platystethus arenarius (Fourcroy)	2	2	8	rf
Number of damp ground/waterside individuals	ND =	5	Neobisnius sp.	2	2	8	u
Percentage of damp ground/waterside individuals	%ND =	5	Philonthus sp. A	2	2	8	u
Number of strongly plant-associated taxa	SP =	5	Aleocharinae sp. B	2	2	8	u
Percentage of strongly plant-associated taxa	%SP =	7	Aleocharinae sp. C	2	2	8	u
Number of strongly plant-associated individuals	NP =	5	Omosita colon (Linnaeus)	2	2	8	rt
Percentage of strongly plant-associated individuals	%NP =	5	Monotoma longicollis (Gyllenhall)	2	2	8	rt
Number of heathland/moorland taxa	SM =	0	Monotoma picipes Herbst	2	2	8	rt
Number of heathland/moorland individuals	NM =	0	Corticaria sp. A	2	2	8	rt
Percentage of heathland/moorland individuals	%NM =	0	Corticaria or Cortinicara sp.	2	2	8	rt
Number of wood-associated taxa	SL =	1	Lyctocoris campestris (Fabricius)	1	1	23	rd
Number of wood-associated individuals	NL =	3	Ulopa sp.	1	1	23	oa p
Percentage of wood-associated individuals	%NL =	3	Bembidion sp. A	1	1	23	oa
Number of decomposer taxa	SRT =	38	Bembidion sp. B	1	1	23	oa
Percentage of decomposer taxa	%SRT =	55	Harpalus sp.	1	1	23	oa
Number of decomposer individuals	NRT =	64	Carabidae sp.	1	1	23	ob
Percentage of decomposer individuals	%NRT =	62	Helophorus sp.	1	1	23	oa w
Number of 'dry' decomposer taxa	SRD =	7	Sphaeridium ?bipustulatum Fabricius	1	1	23	rf
Percentage of 'dry' decomposer taxa	%SRD =	10	Cercyon unipunctatus (Linnaeus)	1	1	23	rf
Number of 'dry' decomposer individuals	NRD =	18	Cercyon sp.	1	1	23	u
Percentage of 'dry' decomposer individuals	%NRD =	17	Ochthebius sp.	1	1	23	oa w
Number of 'foul' decomposer taxa	SRF =	8	Ptenidium sp.	1	1	23	rt
Percentage of 'foul' decomposer taxa	%SRF =	12	Proteinus sp.	1	1	23	rt
Number of 'foul' decomposer individuals	NRF =	12	Omalium ?rivulare (Paykull)	1	1	23	rt
Percentage of 'foul' decomposer individuals	%NRF =	12	Xylodromus ?concinus (Marsham)	1	1	23	rt
Index of diversity of decomposer component	alpha RT =	40	Carpelimus sp.	1	1	23	u
Standard error	SE alpha RT =	9	Platystethus nitens (Sahlberg)	1	1	23	oa d
Number of individuals of grain pests	NG =	0	Anotylus rugosus (Fabricius)	1	1	23	rt
Percentage of individuals of grain pests	%NG =	0	Anotylus tetracaratus (Block)	1	1	23	rt
Number of individuals of grain pests	NG =	0	Stenus sp.	1	1	23	u
Number of uncoded taxa	SU =	16	Lathrobium sp.	1	1	23	u
Percentage of uncoded individuals	PNU =	20	?Othius sp.	1	1	23	rt
			Gyrophypnus sp.	1	1	23	rt
			Philonthus sp. B	1	1	23	u
			Philonthus or Gabrius sp.	1	1	23	u
			Staphylininae sp.	1	1	23	u
			Falagria sp.	1	1	23	rt
			Aleocharinae sp. A	1	1	23	u
			Aleocharinae sp. D	1	1	23	u
			Trox scaber (Linnaeus)	1	1	23	rt
			Aphodius ?prodromus (Brahm)	1	1	23	ob rf
			Aphodius sp. A	1	1	23	ob rf
			Aphodius sp. B	1	1	23	ob rf
			Clambus sp.	1	1	23	rt
			Cyphon sp.	1	1	23	oa d
			Ptinus sp.	1	1	23	rd
			Cryptophagus scutellatus Newman	1	1	23	rd
			Ephistemus globulus (Paykull)	1	1	23	rd
			Enicmus sp.	1	1	23	rt
			Corticaria sp. B	1	1	23	rt
			Anthicus formicarius (Goeze)	1	1	23	rt
			Bruchus ?rufimanus Boheman	1	1	23	u
			Chrysomelinae sp.	1	1	23	oa p
			Phyllotreta nemorum group	1	1	23	oa p
			Tanysphyrus lemnae (Paykull)	1	1	23	oa w p
			Ceuthorhynchinae sp.	1	1	23	oa p
			Coleoptera sp.	1	1	23	u

Site: WO89 Context: 526 Sample: 10/T - species list in rank order

Taxon	Number	%	Rank	Ecodes
Atomaria nigripennis (Kugelann)	7	7	1	rd
Oxytelus sculptus Gravenhorst	4	4	2	rt
Cryptophagus sp.	4	4	2	rd
Cercyon haemorrhoidalis (Fabricius)	3	3	4	rf
Platystethus cornutus group	3	3	4	oa d
Anobium punctatum (Degeer)	3	3	4	1
Lathridius minutus group	3	3	4	rd
Cercyon analis (Paykull)	2	2	8	rt
Cercyon terminatus (Marsham)	2	2	8	rf
Acritus nigricornis (Hoffmann)	2	2	8	rt
Carpelimus ?bilineatus Stephens	2	2	8	rt
Carpelimus fuliginosus (Gravenhorst)	2	2	8	u

Number of uncoded taxa SU = 14
 Percentage of uncoded individuals PNU = 14

Site: WO89 Context: 543 Sample: 15/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

Number of individuals estimated as	N =	111
Number of taxa	S =	87
Index of diversity (alpha)	alpha =	185
Standard error of alpha	SE alpha =	41
Number of 'certain' outdoor taxa	SOA =	41
Percentage of 'certain' outdoor taxa	%SOA =	47
Number of 'certain' outdoor individuals	NOA =	44
Percentage of 'certain' outdoor individuals	%NOA =	40
Number of 'certain' and probable outdoor taxa	SOB =	45
Percentage of 'certain' and probable outdoor taxa	%SOB =	52
Number of 'certain' and probable outdoor individuals	NOB =	50
Percentage 'certain' and probable outdoor individuals	%NOB =	45
Index of diversity of outdoor component	alpha OB =	212
Standard error	SE alpha OB =	97
Number of aquatic taxa	SW =	10
Percentage of aquatic taxa	%SW =	11
Number of aquatic individuals	NW =	11
Percentage of aquatic individuals	%NW =	10
Number of damp ground/waterside taxa	SD =	9
Percentage of damp ground/waterside taxa	%SD =	10
Number of damp ground/waterside individuals	ND =	13
Percentage of damp ground/waterside individuals	%ND =	12
Number of strongly plant-associated taxa	SP =	17
Percentage of strongly plant-associated taxa	%SP =	20
Number of strongly plant-associated individuals	NP =	17
Percentage of strongly plant-associated individuals	%NP =	15
Number of heathland/moorland taxa	SM =	2
Number of heathland/moorland individuals	NM =	2
Percentage of heathland/moorland individuals	%NM =	2
Number of wood-associated taxa	SL =	1
Number of wood-associated individuals	NL =	1
Percentage of wood-associated individuals	%NL =	1
Number of decomposer taxa	SRT =	30
Percentage of decomposer taxa	%SRT =	34
Number of decomposer individuals	NRT =	50
Percentage of decomposer individuals	%NRT =	45
Number of 'dry' decomposer taxa	SRD =	6
Percentage of 'dry' decomposer taxa	%SRD =	7
Number of 'dry' decomposer individuals	NRD =	13
Percentage of 'dry' decomposer individuals	%NRD =	12
Number of 'foul' decomposer taxa	SRF =	7
Percentage of 'foul' decomposer taxa	%SRF =	8
Number of 'foul' decomposer individuals	NRF =	9
Percentage of 'foul' decomposer individuals	%NRF =	8
Index of diversity of decomposer component	alpha RT =	32
Standard error	SE alpha RT =	8
Number of individuals of grain pests	NG =	0
Percentage of individuals of grain pests	%NG =	0
Number of individuals of grain pests	NG =	0

Site: WO89 Context: 543 Sample: 15/T - species list in rank order

Taxon	Number	%	Rank	Ecodes
Cercyon analis (Paykull)	5	5	1	rt
Lathridius minutus group	5	5	1	rd s
Anotylus nitidulus (Gravenhorst)	3	3	3	rt d
Aphodius ?prodromus (Brahm)	3	3	3	ob rf
Cryptophagus sp. A	3	3	3	rd
Corticaria sp.	3	3	3	rt
Helophorus sp. A	2	2	7	oa w
Xylodromus concinnus (Marsham)	2	2	7	rt s
Carpelimus ?corticinus (Gravenhorst)	2	2	7	oa d
Platystethus degener Mulsant & Rey	2	2	7	oa d
Anotylus complanatus (Erichson)	2	2	7	rt
Falagria ?caesa Erichson	2	2	7	rt
Aleocharinae sp. C	2	2	7	u
Cryptophagus ?scutellatus Newman	2	2	7	rd s
Lyctocoris campestris (Fabricius)	1	1	15	rd s
Corixidae sp. A	1	1	15	oa w
Corixidae sp. B	1	1	15	oa w
Heteroptera sp.	1	1	15	u
Ulopa reticulata (Fabricius)	1	1	15	oa p m
Auchenorhyncha sp. A	1	1	15	oa p
Auchenorhyncha sp. B	1	1	15	oa p
Elaphrus cupreus Duftschmid	1	1	15	oa d
Elaphrus riparius (Linnaeus)	1	1	15	oa d
Dyschirius sp.	1	1	15	oa
Trechus obtusus or quadristriatus	1	1	15	oa
Pterostichus melanarius (Illiger)	1	1	15	ob
?Agonum sp.	1	1	15	oa
?Harpalus rufipes (Degeer)	1	1	15	oa
Agabus bipustulatus (Linnaeus)	1	1	15	oa w
Helophorus sp. B	1	1	15	oa w
Helophorus sp. C	1	1	15	oa w
Helophorus sp. R	1	1	15	oa
Cercyon atricapillus (Marsham)	1	1	15	rf s
Cercyon terminatus (Marsham)	1	1	15	rf s
Cercyon unipunctatus (Linnaeus)	1	1	15	rf s
Cercyon sp.	1	1	15	u
Hydrobius fuscipes (Linnaeus)	1	1	15	oa w
Hydrophilinae sp.	1	1	15	oa w
Acritus nigricornis (Hoffmann)	1	1	15	rt s
Ochthebius sp.	1	1	15	oa w
Acrotrichis sp.	1	1	15	rt
Omalium sp.	1	1	15	rt
Carpelimus ?bilineatus Stephens	1	1	15	rt
Carpelimus sp.	1	1	15	u
Platystethus arenarius (Fourcroy)	1	1	15	rf
Platystethus nitens (Sahlberg)	1	1	15	oa d

Oxytelus sculptus Gravenhorst	1	1	15	rt s	Percentage of 'certain' and probable outdoor taxa	%SOB =	33
Stenus sp.	1	1	15	u	Number of 'certain' and probable outdoor individuals	NOB =	22
Gyrophypnus sp.	1	1	15	rt	Percentage 'certain' and probable outdoor individuals	%NOB =	23
Philonthus sp.	1	1	15	u	Index of diversity of outdoor component	alpha OB =	206
Quedius sp.	1	1	15	u	Standard error	SE alpha OB =	184
Staphylininae sp.	1	1	15	u	Number of aquatic taxa	SW =	5
Aleocharinae sp. A	1	1	15	u	Percentage of aquatic taxa	%SW =	8
Aleocharinae sp. B	1	1	15	u	Number of aquatic individuals	NW =	5
Aleocharinae sp. D	1	1	15	u	Percentage of aquatic individuals	%NW =	5
Geotrupes sp.	1	1	15	oa rf	Number of damp ground/waterside taxa	SD =	0
Aphodius sp.	1	1	15	ob rf	Percentage of damp ground/waterside taxa	%SD =	0
Clambus sp.	1	1	15	rt	Number of damp ground/waterside individuals	ND =	0
Cyphon sp.	1	1	15	oa d	Percentage of damp ground/waterside individuals	%ND =	0
Dryops sp.	1	1	15	oa d	Number of strongly plant-associated taxa	SP =	7
Elateridae sp.	1	1	15	ob	Percentage of strongly plant-associated taxa	%SP =	11
Grynobius planus (Fabricius)	1	1	15	l	Number of strongly plant-associated individuals	NP =	7
Brachypterus sp.	1	1	15	oa p	Percentage of strongly plant-associated individuals	%NP =	7
Meligethes sp.	1	1	15	oa p	Number of heathland/moorland taxa	SM =	0
Cryptophagus sp. B	1	1	15	rd	Number of heathland/moorland individuals	NM =	0
Atomaria sp.	1	1	15	rd	Percentage of heathland/moorland individuals	%NM =	0
Corticarina or Cortinicara sp.	1	1	15	rt	Number of wood-associated taxa	SL =	1
Aglenus brunneus (Gyllenhal)	1	1	15	rt ss	Number of wood-associated individuals	NL =	3
Tenebrio obscurus Fabricius	1	1	15	rt ss	Percentage of wood-associated individuals	%NL =	3
Anthicus sp.	1	1	15	rt	Number of decomposer taxa	SRT =	34
Bruchidae sp.	1	1	15	u	Percentage of decomposer taxa	%SRT =	53
Donaciinae sp.	1	1	15	oa w p	Number of decomposer individuals	NRT =	57
Phaedon sp.	1	1	15	oa p	Percentage of decomposer individuals	%NRT =	61
Chrysomelinae sp. A	1	1	15	oa p	Number of 'dry' decomposer taxa	SRD =	8
Chrysomelinae sp. B	1	1	15	oa p	Percentage of 'dry'decomposer taxa	%SRD =	13
Phyllotreta nemorum group	1	1	15	oa p	Number of 'dry' decomposer individuals	NRD =	17
Longitarsus sp.	1	1	15	oa p	Percentage of 'dry'decomposer individuals	%NRD =	18
Apion sp. A	1	1	15	oa p	Number of 'foul' decomposer taxa	SRF =	8
Apion sp. B	1	1	15	oa p	Percentage of 'foul' decomposer taxa	%SRF =	13
Notaris acridulus (Linnaeus)	1	1	15	oa d p	Number of 'foul' decomposer individuals	NRF =	10
Micrelus ericae (Gyllenhal)	1	1	15	oa p m	Percentage of 'foul' decomposer individuals	%NRF =	11
Ceuthorhynchinae sp.	1	1	15	oa p	Index of diversity of decomposer component	alpha RT =	36
?Ceuthorhynchinae sp. B	1	1	15	oa p	Standard error	SE alpha RT =	9
Curculionidae sp. A	1	1	15	oa	Number of individuals of grain pests	NG =	7
Curculionidae sp. B	1	1	15	oa	Percentage of individuals of grain pests	%NG =	7
Coleoptera sp. A	1	1	15	u	Number of individuals of grain pests	NG =	7
Coleoptera sp. B	1	1	15	u	Number of uncoded taxa	SU =	10
					Percentage of uncoded individuals	PNU =	11

Site: WO89 Context: 535 Sample: 19/T - beetle/bug main statistics

Erosion = 2 Fragmentation = 3; Weight = 1.000kg

Number of individuals estimated as	N =	94
Number of taxa	S =	64
Index of diversity (alpha)	alpha =	88
Standard error of alpha	SE alpha =	18
Number of 'certain' outdoor taxa	SOA =	13
Percentage of 'certain' outdoor taxa	%SOA =	20
Number of 'certain' outdoor individuals	NOA =	13
Percentage of 'certain' outdoor individuals	%NOA =	14
Number of 'certain' and probable outdoor taxa	SOB =	21

Site: WO89 Context: 535 Sample: 19/T - species list in rank order

Taxon	Number	%	Rank	Ecodes
Lathridius minutus group	7	7	1	rd
Oryzaephilus surinamensis (Linnaeus)	5	5	2	g
Tipnus unicolor (Piller & Mitterpacher)	4	4	3	rd
Aglenus brunneus (Gyllenhal)	4	4	3	rt
Anthicus formicarius (Goeze)	4	4	3	rt
Acritus nigricornis (Hoffmann)	3	3	6	rt
Anobium punctatum (Degeer)	3	3	6	l
Cercyon analis (Paykull)	2	2	8	rt

Cercyon terminatus (Marsham)	2	2	8	rf
Ptenidium sp. A	2	2	8	rt
Oxytelus sculptus Gravenhorst	2	2	8	rt
Aphodius sp. B	2	2	8	ob rf
Monotoma picipes Herbst	2	2	8	rt
Sitophilus granarius (Linnaeus)	2	2	8	g
Lygaeidae sp.	1	1	15	oa p
Heteroptera sp.	1	1	15	u
Bembidion lampros or properans	1	1	15	oa
Carabidae sp. A	1	1	15	ob
Carabidae sp. B	1	1	15	ob
Carabidae sp. C	1	1	15	ob
Helophorus sp.	1	1	15	oa w
Cercyon haemorrhoidalis (Fabricius)	1	1	15	rf
Cercyon ?unipunctatus (Linnaeus)	1	1	15	rf
Hydrophilinae sp.	1	1	15	oa w
Ochthebius sp.	1	1	15	oa w
Ptenidium sp. B	1	1	15	rt
Scydmaenidae sp.	1	1	15	u
Xylodromus concinnus (Marsham)	1	1	15	rt
Platystethus arenarius (Fourcroy)	1	1	15	rf
Gauropterus fulgidus (Fabricius)	1	1	15	rt
Philonthus sp.	1	1	15	u
?Tachyporus sp.	1	1	15	u
Tachinus laticollis or marginellus	1	1	15	u
Falagria sp.	1	1	15	rt
Crataera suturalis (Mannerheim)	1	1	15	rt
Aleocharinae sp. A	1	1	15	u
Aleocharinae sp. B	1	1	15	u
Aleocharinae sp. C	1	1	15	u
Geotrupes sp.	1	1	15	oa rf
Aphodius sp. A	1	1	15	ob rf
Aphodius sp. C	1	1	15	ob rf
Phyllopertha horticola (Linnaeus)	1	1	15	oa p
Byrrhidae sp.	1	1	15	oa p
Elateridae sp.	1	1	15	ob
Cantharidae sp.	1	1	15	ob
Ptinus sp.	1	1	15	rd
?Tenebroides mauritanicus (Linnaeus)	1	1	15	rt
Monotoma bicolor Villa	1	1	15	rt
Monotoma longicollis (Gyllenhal)	1	1	15	rt
Cryptophagus scutellatus Newman	1	1	15	rd
Cryptophagus sp.	1	1	15	rd
Atomaria sp.	1	1	15	rd
Enicmus sp.	1	1	15	rt
Dienerella sp.	1	1	15	rd
Corticaria sp.	1	1	15	rt
Corticarina or Cortinicara sp.	1	1	15	rt
Typhaea stercorea (Linnaeus)	1	1	15	rd
Phyllotreta nemorum group	1	1	15	oa p
Sitona sp.	1	1	15	oa p
Tanyssphyrus lemnae (Paykull)	1	1	15	oa w p
?Bagous sp.	1	1	15	oa w
Gymnetron ?pascuorum (Gyllenhal)	1	1	15	oa p
Coleoptera sp. A	1	1	15	u
Coleoptera sp. B	1	1	15	u

Site: WO89 Context: 533 Sample: 24/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 4; Weight = 1.000kg

Number of individuals estimated as	N =	137
Number of taxa	S =	91
Index of diversity (alpha)	alpha =	118
Standard error of alpha	SE alpha =	20
Number of 'certain' outdoor taxa	SOA =	22
Percentage of 'certain' outdoor taxa	%SOA =	24
Number of 'certain' outdoor individuals	NOA =	27
Percentage of 'certain' outdoor individuals	%NOA =	20
Number of 'certain' and probable outdoor taxa	SOB =	29
Percentage of 'certain' and probable outdoor taxa	%SOB =	32
Number of 'certain' and probable outdoor individuals	NOB =	35
Percentage 'certain' and probable outdoor individuals	%NOB =	26
Index of diversity of outdoor component	alpha OB =	78
Standard error	SE alpha OB =	34
Number of aquatic taxa	SW =	5
Percentage of aquatic taxa	%SW =	5
Number of aquatic individuals	NW =	5
Percentage of aquatic individuals	%NW =	4
Number of damp ground/waterside taxa	SD =	5
Percentage of damp ground/waterside taxa	%SD =	5
Number of damp ground/waterside individuals	ND =	12
Percentage of damp ground/waterside individuals	%ND =	9
Number of strongly plant-associated taxa	SP =	10
Percentage of strongly plant-associated taxa	%SP =	11
Number of strongly plant-associated individuals	NP =	11
Percentage of strongly plant-associated individuals	%NP =	8
Number of heathland/moorland taxa	SM =	0
Number of heathland/moorland individuals	NM =	0
Percentage of heathland/moorland individuals	%NM =	0
Number of wood-associated taxa	SL =	1
Number of wood-associated individuals	NL =	3
Percentage of wood-associated individuals	%NL =	2
Number of decomposer taxa	SRT =	43
Percentage of decomposer taxa	%SRT =	47
Number of decomposer individuals	NRT =	72
Percentage of decomposer individuals	%NRT =	53
Number of 'dry' decomposer taxa	SRD =	11
Percentage of 'dry'decomposer taxa	%SRD =	12
Number of 'dry' decomposer individuals	NRD =	21
Percentage of 'dry'decomposer individuals	%NRD =	15
Number of 'foul' decomposer taxa	SRF =	6
Percentage of 'foul' decomposer taxa	%SRF =	7
Number of 'foul' decomposer individuals	NRF =	9
Percentage of 'foul' decomposer individuals	%NRF =	7
Index of diversity of decomposer component	alpha RT =	45
Standard error	SE alpha RT =	10
Number of individuals of grain pests	NG =	0
Percentage of individuals of grain pests	%NG =	0
Number of individuals of grain pests	NG =	0
Number of uncoded taxa	SU =	21
Percentage of uncoded individuals	PNU =	23

Site: WO89 Context: 533 Sample: 24/T - species list in rank order

Taxon	Number	%	Rank	Ecodes
Ptenidium sp.	6	4	1	rt
Anotylus nitidulus (Gravenhorst)	4	3	2	rt d
Anotylus rugosus (Fabricius)	4	3	2	rt
Neobisnius sp.	4	3	2	u
Cryptophagus sp.	4	3	2	rd
Atomaria sp. A	4	3	2	rd
Lathridius minutus group	4	3	2	rd
Carpelimus sp.	3	2	8	u
Platystethus cornutus group	3	2	8	oa d
Platystethus nitens (Sahlberg)	3	2	8	oa d
Philonthus sp. B	3	2	8	u
Anobium punctatum (Degeer)	3	2	8	l
Corticaria sp. A	3	2	8	rt
Cercyon ?haemorrhoidalis (Fabricius)	2	1	14	rf
Carpelimus ?bilineatus Stephens	2	1	14	rt
Platystethus arenarius (Fourcroy)	2	1	14	rf
Gyrophypnus fracticornis (Muller)	2	1	14	rt
Philonthus sp. A	2	1	14	u
Philonthus sp. C	2	1	14	u
Falagria ?caesa Erichson	2	1	14	rt
Aleocharinae sp. A	2	1	14	u
Aphodius granarius (Linnaeus)	2	1	14	ob rf
Mycetaea hirta (Marsham)	2	1	14	rd
Phyllotreta nemorum group	2	1	14	oa p
Lygaeidae sp.	1	1	25	oa p
Lyctocoris campestris (Fabricius)	1	1	25	rd
Auchenorrhyncha sp.	1	1	25	oa p
Dyschirius sp.	1	1	25	oa
Clivina sp.	1	1	25	oa
Pterostichus sp.	1	1	25	ob
Carabidae sp. A	1	1	25	ob
Carabidae sp. B	1	1	25	ob
?Rhantus sp.	1	1	25	oa w
Helophorus sp. A	1	1	25	oa w
Helophorus sp. B	1	1	25	oa w
Cercyon analis (Paykull)	1	1	25	rt
Cercyon melanocephalus (Linnaeus)	1	1	25	rt
Cercyon terminatus (Marsham)	1	1	25	rf
Acritus nigricornis (Hoffmann)	1	1	25	rt
?Gnathocnus sp.	1	1	25	rt
Limnebius sp.	1	1	25	oa w
Micropeplus fulvus Erichson	1	1	25	rt
Proteinus sp.	1	1	25	rt
?Dropephylla sp.	1	1	25	u
Omalius ?rivulare (Paykull)	1	1	25	rt
Omalius sp.	1	1	25	rt
Omaliinae sp.	1	1	25	u
Carpelimus ?rivularis (Motschulsky)	1	1	25	ob d
Anotylus sculpturatus group	1	1	25	rt
Oxytelus sculptus Gravenhorst	1	1	25	rt

Stenus sp.	1	1	25	u
Gyrophypnus ?angustatus Stephens	1	1	25	rt
Philonthus or Quedius sp.	1	1	25	u
Staphylininae sp.	1	1	25	u
Cratarea suturalis (Mannerheim)	1	1	25	rt
Aleocharinae sp. B	1	1	25	u
Aleocharinae sp. C	1	1	25	u
Aleocharinae sp. D	1	1	25	u
Pselaphidae sp.	1	1	25	u
Trox scaber (Linnaeus)	1	1	25	rt
Aphodius sp. A	1	1	25	ob rf
Aphodius sp. B	1	1	25	ob rf
Oxyomus sylvestris (Scopoli)	1	1	25	rt
Dermestidae sp.	1	1	25	u
Ptinus sp.	1	1	25	rd
Meligethes sp.	1	1	25	oa p
Omosita sp.	1	1	25	rt
Cryptophagus ?scutellatus Newman	1	1	25	rd
Cryptophagus sp. B	1	1	25	rd
Atomaria sp. B	1	1	25	rd
Atomaria sp. C	1	1	25	rd
Dienerella sp.	1	1	25	rd
Corticaria sp. B	1	1	25	rt
Corticaria sp. C	1	1	25	rt
Aglenus brunneus (Gyllenhal)	1	1	25	rt
Tenebrio obscurus Fabricius	1	1	25	rt
Bruchinae sp.	1	1	25	u
Chrysomelinae sp.	1	1	25	oa p
Phyllotreta sp.	1	1	25	oa p
?Altica sp.	1	1	25	oa p
Apion (Oxystoma) sp.	1	1	25	oa p
Sitona sp.	1	1	25	oa p
?Bagous sp.	1	1	25	oa w
Notaris acridulus (Linnaeus)	1	1	25	oa d p
Curculionidae sp. A	1	1	25	oa
Curculionidae sp. B	1	1	25	oa
Curculionidae sp. C	1	1	25	oa
Coleoptera sp. A	1	1	25	u
Coleoptera sp. C	1	1	25	u
Coleoptera sp. D	1	1	25	u
Coleoptera sp. E	1	1	25	u

Site: WO89 Context: 568 Sample: 27/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 4; Weight = 1.000kg

Number of individuals estimated as	N =	69
Number of taxa	S =	63
Index of diversity (alpha)	alpha =	345
Standard error of alpha	SE alpha =	144
Number of 'certain' outdoor taxa	SOA =	34
Percentage of 'certain' outdoor taxa	%SOA =	54
Number of 'certain' outdoor individuals	NOA =	37
Percentage of 'certain' outdoor individuals	%NOA =	54
Number of 'certain' and probable outdoor taxa	SOB =	42

Site: WO89 Context: 570 Sample: 30/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

Number of individuals estimated as	N =	33
Number of taxa	S =	29
Index of diversity (alpha)	alpha =	111
Standard error of alpha	SE alpha =	57
Number of 'certain' outdoor taxa	SOA =	10
Percentage of 'certain' outdoor taxa	%SOA =	34
Number of 'certain' outdoor individuals	NOA =	10
Percentage of 'certain' outdoor individuals	%NOA =	30
Number of 'certain' and probable outdoor taxa	SOB =	12
Percentage of 'certain' and probable outdoor taxa	%SOB =	41
Number of 'certain' and probable outdoor individuals	NOB =	12
Percentage 'certain' and probable outdoor individuals	%NOB =	36
Diversity index for OB not calculated, NOB = SOB or NOB < 20		
Number of aquatic taxa	SW =	4
Percentage of aquatic taxa	%SW =	14
Number of aquatic individuals	NW =	4
Percentage of aquatic individuals	%NW =	12
Number of damp ground/waterside taxa	SD =	4
Percentage of damp ground/waterside taxa	%SD =	14
Number of damp ground/waterside individuals	ND =	4
Percentage of damp ground/waterside individuals	%ND =	12
Number of strongly plant-associated taxa	SP =	4
Percentage of strongly plant-associated taxa	%SP =	14
Number of strongly plant-associated individuals	NP =	4
Percentage of strongly plant-associated individuals	%NP =	12
Number of heathland/moorland taxa	SM =	0
Number of heathland/moorland individuals	NM =	0
Percentage of heathland/moorland individuals	%NM =	0
Number of wood-associated taxa	SL =	1
Number of wood-associated individuals	NL =	1
Percentage of wood-associated individuals	%NL =	3
Number of decomposer taxa	SRT =	12
Percentage of decomposer taxa	%SRT =	41
Number of decomposer individuals	NRT =	12
Percentage of decomposer individuals	%NRT =	36
Number of 'dry' decomposer taxa	SRD =	1
Percentage of 'dry'decomposer taxa	%SRD =	3
Number of 'dry' decomposer individuals	NRD =	1
Percentage of 'dry'decomposer individuals	%NRD =	3
Number of 'foul' decomposer taxa	SRF =	2
Percentage of 'foul' decomposer taxa	%SRF =	7
Number of 'foul' decomposer individuals	NRF =	2
Percentage of 'foul' decomposer individuals	%NRF =	6
Diversity index for RT not calculated, NRT = SRT or NRT < 20		
Number of individuals of grain pests	NG =	7
Percentage of individuals of grain pests	%NG =	21
Number of individuals of grain pests	NG =	7
Number of uncoded taxa	SU =	2
Percentage of uncoded individuals	PNU =	6

Site: WO89 Context: 570 Sample: 30/T - species list in rank order

Taxon	Number	%	Rank	Ecodes
Oryzaephilus surinamensis (Linnaeus)	3	9	1	g
Cryptolestes ferrugineus (Stephens)	2	6	2	g
Sitophilus granarius (Linnaeus)	2	6	2	g
Miridae sp.	1	3	4	oa p
Corixidae sp.	1	3	4	oa w
Pterostichus (Poecilus) sp.	1	3	4	oa
Megasternum obscurum (Marsham)	1	3	4	rt
Ochthebius sp.	1	3	4	oa w
Limnebius sp.	1	3	4	oa w
Platystethus arenarius (Fourcroy)	1	3	4	rf
Platystethus degener Mulsant & Rey	1	3	4	oa d
Platystethus nitens (Sahlberg)	1	3	4	oa d
Anotylus nitidulus (Gravenhorst)	1	3	4	rt d
Anotylus rugosus (Fabricius)	1	3	4	rt
Oxytelus sculptus Gravenhorst	1	3	4	rt
Gyrophypnus fracticornis (Muller)	1	3	4	rt
Neobisnius sp.	1	3	4	u
Falagria sp.	1	3	4	rt
Aleocharinae sp.	1	3	4	u
Trox scaber (Linnaeus)	1	3	4	rt
Aphodius sp.	1	3	4	ob rf
Elaterridae sp.	1	3	4	ob
Anobium punctatum (Degeer)	1	3	4	l
Monotoma sp.	1	3	4	rt
?Sericoederus lateralis (Gyllenhal)	1	3	4	rt
Lathridius minutus group	1	3	4	rd
Apion sp.	1	3	4	oa p
Tanyphyrus lemnae (Paykull)	1	3	4	oa w p
Notaris acridulus (Linnaeus)	1	3	4	oa d p

Site: WO89 Context: 571 Sample: 31/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 4; Weight = 1.000kg

Number of individuals estimated as	N =	56
Number of taxa	S =	40
Index of diversity (alpha)	alpha =	62
Standard error of alpha	SE alpha =	17
Number of 'certain' outdoor taxa	SOA =	11
Percentage of 'certain' outdoor taxa	%SOA =	28
Number of 'certain' outdoor individuals	NOA =	11
Percentage of 'certain' outdoor individuals	%NOA =	20
Number of 'certain' and probable outdoor taxa	SOB =	15
Percentage of 'certain' and probable outdoor taxa	%SOB =	38
Number of 'certain' and probable outdoor individuals	NOB =	16
Percentage 'certain' and probable outdoor individuals	%NOB =	29
Diversity index for OB not calculated, NOB = SOB or NOB < 20		
Number of aquatic taxa	SW =	2
Percentage of aquatic taxa	%SW =	5

Number of aquatic individuals	NW = 2	Percentage of aquatic taxa	%SW = 6
Percentage of aquatic individuals	%NW = 4	Number of aquatic individuals	NW = 2
Number of damp ground/waterside taxa	SD = 4	Percentage of aquatic individuals	%NW = 4
Percentage of damp ground/waterside taxa	%SD = 10	Number of damp ground/waterside taxa	SD = 4
Number of damp ground/waterside individuals	ND = 5	Percentage of damp ground/waterside taxa	%SD = 11
Percentage of damp ground/waterside individuals	%ND = 9	Number of damp ground/waterside individuals	ND = 5
Number of strongly plant-associated taxa	SP = 6	Percentage of damp ground/waterside individuals	%ND = 11
Percentage of strongly plant-associated taxa	%SP = 15	Number of strongly plant-associated taxa	SP = 6
Number of strongly plant-associated individuals	NP = 6	Percentage of strongly plant-associated taxa	%SP = 17
Percentage of strongly plant-associated individuals	%NP = 11	Number of strongly plant-associated individuals	NP = 6
Number of heathland/moorland taxa	SM = 0	Percentage of strongly plant-associated individuals	%NP = 13
Number of heathland/moorland individuals	NM = 0	Number of heathland/moorland taxa	SM = 0
Percentage of heathland/moorland individuals	%NM = 0	Number of heathland/moorland individuals	NM = 0
Number of wood-associated taxa	SL = 1	Percentage of heathland/moorland individuals	%NM = 0
Number of wood-associated individuals	NL = 2	Number of wood-associated taxa	SL = 1
Percentage of wood-associated individuals	%NL = 4	Number of wood-associated individuals	NL = 2
Number of decomposer taxa	SRT = 16	Percentage of wood-associated individuals	%NL = 4
Percentage of decomposer taxa	%SRT = 40	Number of decomposer taxa	SRT = 16
Number of decomposer individuals	NRT = 25	Percentage of decomposer taxa	%SRT = 44
Percentage of decomposer individuals	%NRT = 45	Number of decomposer individuals	NRT = 25
Number of 'dry' decomposer taxa	SRD = 2	Percentage of decomposer individuals	%NRT = 54
Percentage of 'dry' decomposer taxa	%SRD = 5	Number of 'dry' decomposer taxa	SRD = 2
Number of 'dry' decomposer individuals	NRD = 7	Percentage of 'dry' decomposer taxa	%SRD = 6
Percentage of 'dry' decomposer individuals	%NRD = 13	Number of 'dry' decomposer individuals	NRD = 7
Number of 'foul' decomposer taxa	SRF = 4	Percentage of 'dry' decomposer individuals	%NRD = 15
Percentage of 'foul' decomposer taxa	%SRF = 10	Number of 'foul' decomposer taxa	SRF = 4
Number of 'foul' decomposer individuals	NRF = 5	Percentage of 'foul' decomposer taxa	%SRF = 11
Percentage of 'foul' decomposer individuals	%NRF = 9	Number of 'foul' decomposer individuals	NRF = 5
Index of diversity of decomposer component	alpha RT = 20	Percentage of 'foul' decomposer individuals	%NRF = 11
Standard error	SE alpha RT = 8	Index of diversity of decomposer component	alpha RT = 20
Number of individuals of grain pests	NG = 10	Standard error	SE alpha RT = 8
Percentage of individuals of grain pests	%NG = 18	Number of individuals of grain pests	NG = 10
NB - over 10% grain pests and n > 50: for corrected re-run see over.		Number of uncoded taxa	SU = 7
Number of individuals of grain pests	NG = 10	Percentage of uncoded individuals	PNU = 15
Number of uncoded taxa	SU = 7		
Percentage of uncoded individuals	PNU = 13		

Site: WO89 Context: 571 Sample: 31/T - species list in rank order

Site: WO89 Context: 571 Sample: 31/T - beetle/bug main statistics re-run after subtraction of grain pest component

			Number	%	Rank	Ecodes
Erosion = 3	Fragmentation = 4;	Weight = 1.000kg				
Number of individuals estimated as	N = 46	Tipnus unicolor (Piller & Mitterpacher)	5	9	1	rd
Number of taxa	S = 36	Oryzaephilus surinamensis (Linnaeus)	4	7	2	g
Index of diversity (alpha)	alpha = 75	Carpelimus ?bilineatus Stephens	3	5	3	rt
Standard error of alpha	SE alpha = 26	Sitophilus granarius (Linnaeus)	3	5	3	g
Number of 'certain' outdoor taxa	SOA = 11	Anotylus nitidulus (Gravenhorst)	2	4	5	rt d
Percentage of 'certain' outdoor taxa	%SOA = 31	Aphodius ?granarius (Linnaeus)	2	4	5	ob rf
Number of 'certain' outdoor individuals	NOA = 11	Anobium punctatum (Degeer)	2	4	5	l
Percentage of 'certain' outdoor individuals	%NOA = 24	Lathridius minutus group	2	4	5	rd
Number of 'certain' and probable outdoor taxa	SOB = 15	Palorus ratzeburgi (Wissman)	2	4	5	g
Percentage of 'certain' and probable outdoor taxa	%SOB = 42	Auchenorrhyncha sp.	1	2	10	oa p
Number of 'certain' and probable outdoor individuals	NOB = 16	Carabidae sp. A	1	2	10	ob
Percentage 'certain' and probable outdoor individuals	%NOB = 35	Carabidae sp. B	1	2	10	ob
Diversity index for OB not calculated, NOB = SOB or NOB < 20		Colymbetinae sp.	1	2	10	oa w
Number of aquatic taxa	SW = 2	Cercyon ?tristis (Illiger)	1	2	10	oa d
		Cercyon unipunctatus (Linnaeus)	1	2	10	rf
		Histerinae sp.	1	2	10	rt

Carpelimus sp.	1	2	10	u	Number of heathland/moorland individuals	NM =	0
Platystethus cornutus group	1	2	10	oa d	Percentage of heathland/moorland individuals	%NM =	0
Platystethus nitens (Sahlberg)	1	2	10	oa d	Number of wood-associated taxa	SL =	1
Oxytelus sculptus Gravenhorst	1	2	10	rt	Number of wood-associated individuals	NL =	2
Stenus sp.	1	2	10	u	Percentage of wood-associated individuals	%NL =	6
Neobisnius sp.	1	2	10	u	Number of decomposer taxa	SRT =	16
Tachyporus sp.	1	2	10	u	Percentage of decomposer taxa	%SRT =	62
Falagria or Cordalia sp.	1	2	10	rt	Number of decomposer individuals	NRT =	19
Aleocharinae sp. A	1	2	10	u	Percentage of decomposer individuals	%NRT =	61
Aleocharinae sp. B	1	2	10	u	Number of 'dry' decomposer taxa	SRD =	3
Aphodius ater (Degeer)	1	2	10	oa rf	Percentage of 'dry'decomposer taxa	%SRD =	12
Aphodius sp.	1	2	10	ob rf	Number of 'dry' decomposer individuals	NRD =	4
Oxyomus sylvestris (Scopoli)	1	2	10	rt	Percentage of 'dry'decomposer individuals	%NRD =	13
Monotoma longicollis (Gyllenhal)	1	2	10	rt	Number of 'foul' decomposer taxa	SRF =	4
Cryptolestes ferrugineus (Stephens)	1	2	10	g	Percentage of 'foul' decomposer taxa	%SRF =	15
Aglenus brunneus (Gyllenhal)	1	2	10	rt	Number of 'foul' decomposer individuals	NRF =	5
Tenebrio obscurus Fabricius	1	2	10	rt	Percentage of 'foul' decomposer individuals	%NRF =	16
Anthicus floralis or formicarius	1	2	10	rt	Diversity index for RT not calculated, NRT = SRT or NRT < 20		
Donaciinae sp.	1	2	10	oa w p	Number of individuals of grain pests	NG =	3
Longitarsus sp.	1	2	10	oa p	Percentage of individuals of grain pests	%NG =	10
Apion sp. A	1	2	10	oa p	Number of individuals of grain pests	NG =	3
Apion sp. B	1	2	10	oa p	Number of uncoded taxa	SU =	4
?Gymnetron sp.	1	2	10	oa p	Percentage of uncoded individuals	PNU =	13
Coleoptera sp.	1	2	10	u			

Site: WO89 Context: 572 Sample: 32/T - beetle/bug main statistics

Site: WO89 Context: 572 Sample: 32/T - species list in rank order

Erosion = 3 Fragmentation = 4; Weight = 1.000kg

Number of individuals estimated as	N =	31
Number of taxa	S =	26
Index of diversity (alpha)	alpha =	74
Standard error of alpha	SE alpha =	35
Number of 'certain' outdoor taxa	SOA =	2
Percentage of 'certain' outdoor taxa	%SOA =	8
Number of 'certain' outdoor individuals	NOA =	2
Percentage of 'certain' outdoor individuals	%NOA =	6
Number of 'certain' and probable outdoor taxa	SOB =	4
Percentage of 'certain' and probable outdoor taxa	%SOB =	15
Number of 'certain' and probable outdoor individuals	NOB =	4
Percentage 'certain' and probable outdoor individuals	%NOB =	13
Diversity index for OB not calculated, NOB = SOB or NOB < 20		
Number of aquatic taxa	SW =	1
Percentage of aquatic taxa	%SW =	4
Number of aquatic individuals	NW =	1
Percentage of aquatic individuals	%NW =	3
Number of damp ground/waterside taxa	SD =	2
Percentage of damp ground/waterside taxa	%SD =	8
Number of damp ground/waterside individuals	ND =	3
Percentage of damp ground/waterside individuals	%ND =	10
Number of strongly plant-associated taxa	SP =	0
Percentage of strongly plant-associated taxa	%SP =	0
Number of strongly plant-associated individuals	NP =	0
Percentage of strongly plant-associated individuals	%NP =	0
Number of heathland/moorland taxa	SM =	0

Taxon	Number	%	Rank	Ecodes
Platystethus arenarius (Fourcroy)	2	6	1	rf
Anotylus nitidulus (Gravenhorst)	2	6	1	rt d
Anobium punctatum (Degeer)	2	6	1	l
Tipnus unicolor (Piller & Mitterpacher)	2	6	1	rd
Oryzaephilus surinamensis (Linnaeus)	2	6	1	g
Carabidae sp.	1	3	6	ob
Helophorus sp.	1	3	6	oa w
Cercyon atricapillus (Marsham)	1	3	6	rf
Cercyon terminatus (Marsham)	1	3	6	rf
Acritus nigricornis (Hoffmann)	1	3	6	rt
Carpelimus ?fuliginosus (Gravenhorst)	1	3	6	u
Platystethus cornutus group	1	3	6	oa d
Oxytelus sculptus Gravenhorst	1	3	6	rt
Xantholinus sp.	1	3	6	u
Staphylininae sp.	1	3	6	u
Falagria ?caesa Erichson	1	3	6	rt
Aleocharinae sp.	1	3	6	u
Trox sp.	1	3	6	rt
Aphodius sp.	1	3	6	ob rf
Oxyomus sylvestris (Scopoli)	1	3	6	rt
Monotoma sp.	1	3	6	rt
Cryptolestes ferrugineus (Stephens)	1	3	6	g
Lathridius minutus group	1	3	6	rd
Enicmus sp.	1	3	6	rt
Typhaea stercorea (Linnaeus)	1	3	6	rd
Aglenus brunneus (Gyllenhal)	1	3	6	rt