Appendix

Main statistics and species lists in rank order for the scan, rapid-scan and semi-quantitatively rapid-scan recorded assemblages from Buiston Crannog, Ayrshire. Nomenclature follows Kloet and Hincks (1964-7). Main statistics (other than S and N) are given only where N was greater than 9.

Site: AOC138 Context: 5 Sample: 5/1 - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	34
Number of taxa	S =	22
Index of diversity (alpha)	alpha =	27
Standard error of alpha	SE alpha =	9
Number of 'certain' outdoor taxa	SOA =	5
Percentage of 'certain' outdoor taxa	%SOA =	23
Number of 'certain' outdoor individuals	NOA =	5
Percentage of 'certain' outdoor individuals	%NOA =	15
Number of 'certain' and probable outdoor taxa	SOB =	7
Percentage of 'certain' and probable outdoor taxa	%SOB =	32
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 =	9
Number of aquatic individuals	NW =	2
Percentage of aquatic individuals	%NW =	6
Number of damp ground/waterside taxa	SD =	1
Percentage of damp ground/waterside taxa	%SD =	5
Number of damp ground/waterside individuals	ND =	1
Percentage of damp ground/waterside individuals	%ND =	3
Number of strongly plant-associated taxa	SP =	2
Percentage of strongly plant-associated taxa	%SP =	9
Number of strongly plant-associated individuals	NP =	2
Percentage of strongly plant-associated individuals	%NP =	6
Number of heathland/moorland taxa	SM =	1
Number of heathland/moorland individuals	NM =	1
Percentage of heathland/moorland individuals	%NM =	3
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 =	6
Percentage of decomposer taxa	%SRT =	27
Number of decomposer individuals	NRT =	14
Percentage of decomposer individuals	%NRT =	41
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 =	2
Percentage of 'foul' decomposer taxa	%SRF =	9
Number of 'foul' decomposer individuals	NRF =	3
Percentage of 'foul' decomposer individuals	%NRF =	9

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 =	41

Site: AOC138 Context: 5 Sample: 5/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Othius myrmecophilus Kiesenwetter	6	18	1	rt
Lathrobium sp. B	3	9	2	u
Lathrobium sp. A	2	6	3	u
Gyrohypnus fracticornis (Muller)	2	6	3	rt
Xantholinus gallicus or linearis	2	6	3	rt
Aleocharinae sp. A	2	6	3	u
Aphodius sp.	2	6	3	ob rf
Carabidae sp.	1	3	8	ob
Helophorus sp.	1	3	8	oa w
Cercyon analis (Paykull)	1	3	8	rt
Cercyon haemorrhoidalis (Fabricius)	1	3	8	rf
Hydrophilinae sp.	1	3	8	oa w
Histerinae sp.	1	3	8	u
Omaliinae sp.	1	3	8	u
Stenus sp. A	1	3	8	u
Stenus sp. B	1	3	8	u
Lathrobium sp. C	1	3	8	u
Ochthephilum fracticorne (Paykull)	1	3	8	oa d
Staphylinus sp.	1	3	8	u
Tachinus laticollis or marginellus	1	3	8	u
Sitona sp.	1	3	8	oa p
Micrelus ericae (Gyllenhal)	1	3	8	oa p m

Site: AOC138 Context: 12 Sample: 12/1 - beetle/bug main statistics

Erosion = 2 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	159
Number of taxa	S =	68
Index of diversity (alpha)	alpha =	45
Standard error of alpha	SE alpha =	6
Number of 'certain' outdoor taxa	SOA =	23
Percentage of 'certain' outdoor taxa	%SOA =	34
Number of 'certain' outdoor individuals	NOA =	27
Percentage of 'certain' outdoor individuals	%NOA =	17
Number of 'certain' and probable outdoor taxa	SOB =	26
Percentage of 'certain' and probable outdoor taxa	%SOB =	38
Number of 'certain' and probable outdoor individuals	NOB =	31
Percentage 'certain' and probable outdoor individuals	%NOB =	19
Index of diversity of outdoor component	alpha OB =	74
Standard error	SE alpha OB =	35
Number of aquatic taxa	SW =	6
Percentage of aquatic taxa	%SW =	9
Number of aquatic individuals	NW =	7
Percentage of aquatic individuals	%NW =	4
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 =	4
Number of strongly plant-associated taxa	SP =	7
Percentage of strongly plant-associated taxa	%SP =	10
Number of strongly plant-associated individuals	NP =	7
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 =	0
Number of wood-associated individuals	NL =	0
Percentage of wood-associated individuals	%NL =	0
Number of decomposer taxa	SRT =	20
Percentage of decomposer taxa	%SRT =	29
Number of decomposer individuals	NRT =	86
Percentage of decomposer individuals	%NRT =	54
Number of 'dry' decomposer taxa	SRD =	4
Percentage of 'dry'decomposer taxa	%SRD =	6
Number of 'dry' decomposer individuals	NRD =	9
Percentage of 'dry'decomposer individuals	%NRD =	6
Number of 'foul' decomposer taxa	SRF =	2
Percentage of 'foul' decomposer taxa	%SRF =	3
Number of 'foul' decomposer individuals	NRF =	3
Percentage of 'foul' decomposer individuals	%NRF =	2
Index of diversity of decomposer component	alpha RT =	8
Standard error	SE alpha RT =	1
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 =	24
Percentage of uncoded individuals	PNU =	28

Site: AOC138 Context: 12 Sample: 12/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Carpelimus bilineatus Stephens	38	24	1	rt
Aleocharinae sp. A	10	6	2	u
Cercyon analis (Paykull)	7	4	3	rt
Cordalia obscura (Gravenhorst)	6	4	4	rt
Acrotrichis sp.	4	3	5	rt
Anotylus rugosus (Fabricius)	4	3	5	rt
Oxytelus sculptus Gravenhorst	4	3	5	rt
Aleocharinae sp. B	4	3	5	u
Lathridius minutus group	4	3	5	rd
Lathrobium sp. C	3	2	10	u
Neobisnius sp.	3	2	10	u
Philonthus sp. C	3	2	10	u
Cryptophagus sp.	3	2	10	rd
Pterostichus ?strenuus (Panzer)	2	1	14	oa
Harpalus sp.	2	1	14	oa
Megasternum obscurum (Marsham)	2	1	14	rt
Chaetarthria seminulum (Herbst)	2	1	14	oa w
Anotylus nitidulus (Gravenhorst)	2	1	14	rt d

Lathrobium sp. A	2	1	14	u
Lathrobium sp. B	2	1	14	u
Gyrohypnus angustatus Stephens	2	1	14	rt
Erichsonius cinerascens (Gravenhorst)	2	1	14	oa d
Mycetoporus sp.	2	1	14	u
Aphodius sp. B	2	1	14	ob rf
Lygaeidae sp.	1	1	25	oa p
?Trechus sp.	1	1	25	ob
Bembidion guttula or mannerheimi	1	1	25	oa
Pterostichus niger (Schaller)	1	1	25	oa
Pterostichus nigrita (Paykull)	1	1	25	oa d
Agonum sp.	1	1	25	oa
Hydroporinae sp.	1	1	25	oa w
Helophorus sp.	1	1	25	oa w
Hydrophilinae sp. A	1	1	25	oa w
Hydrophilinae sp. B	1	1	25	oa w
Hydraena sp.	1	1	25	oa w
Micropeplus fulvus Erichson	1	1	25	rt
Megarthrus sp.	1	1	25	rt
Olophrum sp.	1	1	25	oa
Xylodromus concinnus (Marsham)	1	1	25	rt
Stenus ?brunnipes Stephens	1	1	25	u
Stenus sp. A	1	1	25	u
Ochthephilum fracticorne (Paykull)	1	1	25	oa d
Paederinae sp.	1	1	25	u
Othius ?myrmecophilus Kiesenwetter	1	1	25	rt
Xantholinus gallicus or linearis	1	1	25	rt
Philonthus sp. A	1	1	25	u
Philonthus sp. B	1	1	25	u
Philonthus sp. D	1	1	25	u
Tachyporus sp.	1	1	25	u
Aleochara sp.	1	1	25	u
Aleocharinae sp. C	1	1	25	u
Aleocharinae sp. D	1	1	25	u
Aleocharinae sp. E	1	1	25	u
Euplectini sp.	1	1	25	u
Pselaphus heisei (Herbst)	1	1	25	u
Pselaphidae sp. A	1	1	25	u
Pselaphidae sp. B	1	1	25	u
Aphodius sp. A	1	1	25	ob rf
Dryops sp.	1	1	25	oa d
Hypnoidus riparius (Fabricius)	1	1	25	oa p
Atomaria sp. A	1	1	25	rd
Atomaria sp. B	1	1	25	rd
Oulema sp.	1	1	25	oa p
Chrysomelinae sp.	1	1	25	oa p
Halticinae sp.	1	1	25	oa p
Apion sp.	1	1	25	oa p
?Cossoninae sp.	1	1	25	u
Rhynchaenus sp.	1	1	25	oa p

Site: AOC138 Context: 19 Sample: 19/1 - beetle/bug main statistics

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Erosion = 4 Fragmentation = 4; Weight = 0.000kg

Number of individuals estimated as                          N =    27
Number of taxa                                              S =    18
Index of diversity (alpha)                              alpha =    24
Standard error of alpha                              SE alpha =     9
Number of 'certain' outdoor taxa                          SOA =     6
Percentage of 'certain' outdoor taxa                     %SOA =    33
Number of 'certain' outdoor individuals                   NOA =     6
Percentage of 'certain' outdoor individuals              %NOA =    22
Number of 'certain' and probable outdoor taxa             SOB =     8
Percentage of 'certain' and probable outdoor taxa        %SOB =    44
Number of 'certain' and probable outdoor individuals      NOB =     8
Percentage 'certain' and probable outdoor individuals    %NOB =    30
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 =     3
Percentage of damp ground/waterside taxa                 %SD =    17
Number of damp ground/waterside individuals               ND =     3
Percentage of damp ground/waterside individuals          %ND =    11
Number of strongly plant-associated taxa                  SP =     1
Percentage of strongly plant-associated taxa             %SP =     6
Number of strongly plant-associated individuals           NP =     1
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 =     0
Number of wood-associated individuals                     NL =     0
Percentage of wood-associated individuals                %NL =     0
Number of decomposer taxa                                 SRT =     6
Percentage of decomposer taxa                            %SRT =    33
Number of decomposer individuals                          NRT =    15
Percentage of decomposer individuals                     %NRT =    56
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 =     2
Percentage of 'foul' decomposer taxa                     %SRF =    11
Number of 'foul' decomposer individuals                   NRF =     2
Percentage of 'foul' decomposer individuals              %NRF =     7
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 =     5
Percentage of uncoded individuals                        PNU =    19
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Site: AOC138 Context: 19 Sample: 19/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Carpelimus ?bilineatus Stephens	7	26	1	rt
Megasternum obscurum (Marsham)	3	11	2	rt
Cercyon analis (Paykull)	2	7	3	rt
Carabidae sp.	1	4	4	ob
Cercyon ?haemorrhoidalis (Fabricius)	1	4	4	rf
Scydmaenidae sp.	1	4	4	u
Olophrum sp.	1	4	4	oa
?Lesteva sp.	1	4	4	oa d
Oxytelus sculptus Gravenhorst	1	4	4	rt
Stenus sp.	1	4	4	u
Ochthephilum fracticorne (Paykull)	1	4	4	oa d
Xantholinus sp.	1	4	4	u
Staphylininae sp.	1	4	4	u
Pselaphus heisei (Herbst)	1	4	4	u
Aphodius sp.	1	4	4	ob rf
Cyphon sp.	1	4	4	oa d
?Chrysomelinae sp.	1	4	4	oa p
Curculionidae sp.	1	4	4	oa

Site: AOC138 Context: 20 Sample: 20/1 - beetle/bug main statistics

Erosion = 4 Fragmentation = 4; Weight = 0.000kg

Number of individuals estimated as	N =	40
Number of taxa	S =	26
Index of diversity (alpha)	alpha =	33
Standard error of alpha	SE alpha =	10
Number of 'certain' outdoor taxa	SOA =	5
Percentage of 'certain' outdoor taxa	%SOA =	19
Number of 'certain' outdoor individuals	NOA =	5
Percentage of 'certain' outdoor individuals	%NOA =	13
Number of 'certain' and probable outdoor taxa	SOB =	8
Percentage of 'certain' and probable outdoor taxa	%SOB =	31
Number of 'certain' and probable outdoor individuals	NOB =	8
Percentage 'certain' and probable outdoor individuals	%NOB =	20
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 =	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 =	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 =	9
Percentage of decomposer taxa	%SRT =	35
Number of decomposer individuals	NRT =	21
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
Percentage of 'foul' decomposer taxa	%SRF =	4
Number of 'foul' decomposer individuals	NRF =	1
Percentage of 'foul' decomposer individuals	%NRF =	3
Index of diversity of decomposer component	alpha RT =	6
Standard error	SE alpha RT =	2
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 =	30

Site: AOC138 Context: 20 Sample: 20/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Carpelimus bilineatus Stephens	7	18	1	rt
Cercyon analis (Paykull)	3	8	2	rt
Cordalia obscura (Gravenhorst)	3	8	2	rt
Trechus micros (Herbst)	2	5	4	u
Micropeplus staphylinoides (Marsham)	2	5	4	rt
Gyrohypnus fracticornis (Muller)	2	5	4	rt
Aleocharinae sp. B	2	5	4	u
Heteroptera sp.	1	3	8	u
Clivina fossor (Linnaeus)	1	3	8	oa
Bembidion sp.	1	3	8	oa
Pterostichus sp. A	1	3	8	ob
Pterostichus sp. B	1	3	8	ob
Helophorus sp.	1	3	8	oa w
Megasternum obscurum (Marsham)	1	3	8	rt
Olophrum sp.	1	3	8	oa
Xylodromus ?concinnus (Marsham)	1	3	8	rt
Oxytelus sculptus Gravenhorst	1	3	8	rt
Stenus sp. A	1	3	8	u
Stenus sp. B	1	3	8	u
Lathrobium sp.	1	3	8	u
Philonthus sp.	1	3	8	u
Quedius sp.	1	3	8	u
Aleocharinae sp. A	1	3	8	u
Aphodius sp.	1	3	8	ob rf
Curculionidae sp.	1	3	8	oa

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Coleoptera sp.                                  1    3    8  u
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Site: AOC138 Context: 41 Sample: 41/1 - beetle/bug main statistics

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Erosion = 2 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as                          N =    62
Number of taxa                                              S =    44
Index of diversity (alpha)                              alpha =    67
Standard error of alpha                                SE alpha =    18
Number of 'certain' outdoor taxa                            SOA =    12
Percentage of 'certain' outdoor taxa                       %SOA =    27
Number of 'certain' outdoor individuals                     NOA =    14
Percentage of 'certain' outdoor individuals                %NOA =    23
Number of 'certain' and probable outdoor taxa               SOB =    13
Percentage of 'certain' and probable outdoor taxa          %SOB =    30
Number of 'certain' and probable outdoor individuals        NOB =    17
Percentage 'certain' and probable outdoor individuals      %NOB =    27
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 individuals                          %NW =     3
Number of damp ground/waterside taxa                        SD =     2
Percentage of damp ground/waterside taxa                   %SD =     5
Number of damp ground/waterside individuals                 ND =     2
Percentage of damp ground/waterside individuals            %ND =     3
Number of strongly plant-associated taxa                    SP =     5
Percentage of strongly plant-associated taxa               %SP =    11
Number of strongly plant-associated individuals             NP =     5
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 =     0
Number of wood-associated individuals                       NL =     0
Percentage of wood-associated individuals                  %NL =     0
Number of decomposer taxa                                   SRT =    12
Percentage of decomposer taxa                              %SRT =    27
Number of decomposer individuals                            NRT =    23
Percentage of decomposer individuals                       %NRT =    37
Number of 'dry' decomposer taxa                             SRD =     1
Percentage of 'dry'decomposer taxa                         %SRD =     2
Number of 'dry' decomposer individuals                      NRD =     3
Percentage of 'dry'decomposer individuals                  %NRD =     5
Number of 'foul' decomposer taxa                            SRF =     2
Percentage of 'foul' decomposer taxa                       %SRF =     5
Number of 'foul' decomposer individuals                     NRF =     4
Percentage of 'foul' decomposer individuals                %NRF =     6
Index of diversity of decomposer component              alpha RT =    10
Standard error                                         SE alpha RT =     4
Number of individuals of grain pests                        NG =     0
Percentage of individuals of grain pests                   %NG =     0
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Number of individuals of grain pests	NG = 0
Number of uncoded taxa	SU = 20
Percentage of uncoded individuals	PNU = 40

Site: AOC138 Context: 41 Sample: 41/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Xantholinus ?linearis (Olivier)	5	8	1	rt
Megasternum obscurum (Marsham)	3	5	2	rt
Lathrobium sp. A	3	5	2	u
Aphodius ?prodromus (Brahm)	3	5	2	ob rf
Cryptophagus sp.	3	5	2	rd
Olophrum piceum (Gyllenhal)	2	3	6	oa
Acidota crenata (Fabricius)	2	3	6	oa
Xylodromus concinnus (Marsham)	2	3	6	rt
Stenus sp. A	2	3	6	u
Stenus sp. B	2	3	6	u
Euplectini sp.	2	3	6	u
Pterostichus strenuus (Panzer)	1	2	12	oa
Cercyon analis (Paykull)	1	2	12	rt
Acrotrichis sp. A	1	2	12	rt
Acrotrichis sp. B	1	2	12	rt
Leiodidae sp.	1	2	12	u
Thanatophilus sp.	1	2	12	rf
Micropeplus fulvus Erichson	1	2	12	rt
Lesteva sp.	1	2	12	oa d
Eusphalerum minutum (Fabricius)	1	2	12	oa d
Omaliinae sp.	1	2	12	u
Stenus sp. C	1	2	12	u
Lathrobium sp. B	1	2	12	u
Rugilus sp.	1	2	12	rt
?Paederinae sp.	1	2	12	u
Othius ?myrmecophilus Kiesenwetter	1	2	12	rt
Philonthus sp.	1	2	12	u
Philonthus or Gabrius sp.	1	2	12	u
Quedius boops group	1	2	12	u
Tachyporus sp.	1	2	12	u
Drusilla canaliculata (Fabricius)	1	2	12	u
Aleocharinae sp. A	1	2	12	u
Aleocharinae sp. B	1	2	12	u
Aleocharinae sp. C	1	2	12	u
Aleocharinae sp. D	1	2	12	u
Aleocharinae sp. E	1	2	12	u
Aleocharinae sp. ?X	1	2	12	u
Athous ?haemorrhoidalis (Fabricius)	1	2	12	oa p
?Actenicerus sjaelandicus (Muller)	1	2	12	oa
Agriotes sp.	1	2	12	oa p
Donaciinae sp.	1	2	12	oa w p
Halticinae sp.	1	2	12	oa p
Apion sp.	1	2	12	oa p
?Bagous sp.	1	2	12	oa w

Site: AOC138 Context: 45 Sample: 45/1 - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	118
Number of taxa	S =	80
Index of diversity (alpha)	alpha =	109
Standard error of alpha	SE alpha =	20
Number of 'certain' outdoor taxa	SOA =	31
Percentage of 'certain' outdoor taxa	%SOA =	39
Number of 'certain' outdoor individuals	NOA =	33
Percentage of 'certain' outdoor individuals	%NOA =	28
Number of 'certain' and probable outdoor taxa	SOB =	33
Percentage of 'certain' and probable outdoor taxa	%SOB =	41
Number of 'certain' and probable outdoor individuals	NOB =	35
Percentage 'certain' and probable outdoor individuals	%NOB =	30
Index of diversity of outdoor component	alpha OB =	269
Standard error	SE alpha OB =	183
Number of aquatic taxa	SW =	6
Percentage of aquatic taxa	%SW =	8
Number of aquatic individuals	NW =	6
Percentage of aquatic individuals	%NW =	5
Number of damp ground/waterside taxa	SD =	4
Percentage of damp ground/waterside taxa	%SD =	5
Number of damp ground/waterside individuals	ND =	4
Percentage of damp ground/waterside individuals	%ND =	3
Number of strongly plant-associated taxa	SP =	17
Percentage of strongly plant-associated taxa	%SP =	21
Number of strongly plant-associated individuals	NP =	18
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 =	25
Percentage of decomposer taxa	%SRT =	31
Number of decomposer individuals	NRT =	48
Percentage of decomposer individuals	%NRT =	41
Number of 'dry' decomposer taxa	SRD =	3
Percentage of 'dry'decomposer taxa	%SRD =	4
Number of 'dry' decomposer individuals	NRD =	10
Percentage of 'dry'decomposer individuals	%NRD =	8
Number of 'foul' decomposer taxa	SRF =	4
Percentage of 'foul' decomposer taxa	%SRF =	5
Number of 'foul' decomposer individuals	NRF =	4
Percentage of 'foul' decomposer individuals	%NRF =	3
Index of diversity of decomposer component	alpha RT =	21
Standard error	SE alpha RT =	5
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 = 25
Percentage of uncoded individuals PNU = 32

Site: AOC138 Context: 45 Sample: 45/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Cryptophagus sp.	8	7	1	rd
Xantholinus gallicus or linearis	5	4	2	rt
Cercyon analis (Paykull)	4	3	3	rt
Megasternum obscurum (Marsham)	4	3	3	rt
Stenus sp. D	4	3	3	u
Philonthus or Gabrius sp.	4	3	3	u
Cordalia obscura (Gravenhorst)	4	3	3	rt
Stenus sp. F	3	3	8	u
Aleocharinae sp. A	3	3	8	u
Euplectini sp.	3	3	8	u
Pterostichus strenuus (Panzer)	2	2	11	oa
Acrotrichis sp.	2	2	11	rt
Xylodromus concinnus (Marsham)	2	2	11	rt
Lathrobium sp. B	2	2	11	u
Quedius mesomelinus (Marsham)	2	2	11	rt
Longitarsus sp.	2	2	11	oa p
Drymus sp.	1	1	17	oa p
Berytinus sp.	1	1	17	oa p
Lyctocoris campestris (Fabricius)	1	1	17	rd
Saldidae sp.	1	1	17	oa d
Corixidae sp.	1	1	17	oa w
Auchenorhyncha sp.	1	1	17	oa p
Trechus micros (Herbst)	1	1	17	u
Helophorus sp. A	1	1	17	oa w
Helophorus sp. B	1	1	17	oa w
Sphaeridium ?bipustulatum Fabricius	1	1	17	rf
Acritus nigricornis (Hoffmann)	1	1	17	rt
Hydraena sp.	1	1	17	oa w
Limnebius sp.	1	1	17	oa w
Ptenidium sp.	1	1	17	rt
Scydmaenidae sp.	1	1	17	u
Micropeplus sp.	1	1	17	rt
Olophrum sp.	1	1	17	oa
Eusphalerum minutum (Fabricius)	1	1	17	oa d
Omaliinae sp.	1	1	17	u
Carpelimus sp.	1	1	17	u
Stenus sp. A	1	1	17	u
Stenus sp. B	1	1	17	u
Stenus sp. C	1	1	17	u
Stenus sp. E	1	1	17	u
Euaesthetus bipunctatus (Ljungh)	1	1	17	oa
Lathrobium sp. A	1	1	17	u
Lathrobium sp. C	1	1	17	u
Ochthephilum fracticorne (Paykull)	1	1	17	oa d
Rugilus orbiculatus (Paykull)	1	1	17	rt
Rugilus rufipes Germar	1	1	17	rt

Othius sp.	1	1	17	rt
Gyrohypnus angustatus Stephens	1	1	17	rt
Gyrohypnus ?fracticornis (Muller)	1	1	17	rt
Philonthus sp. A	1	1	17	u
Quedius sp.	1	1	17	u
Tachyporus sp.	1	1	17	u
Tachinus laticollis or marginellus	1	1	17	u
Aleocharinae sp. B	1	1	17	u
Aleocharinae sp. C	1	1	17	u
Aleocharinae sp. D	1	1	17	u
Pselaphus heisei (Herbst)	1	1	17	u
Pselaphidae sp.	1	1	17	u
Colobopterus fossor (Linnaeus)	1	1	17	oa rf
Aphodius ater (Degeer)	1	1	17	oa rf
Aphodius prodromus (Brahm)	1	1	17	ob rf
Hypnoidus riparius (Fabricius)	1	1	17	oa p
Elateridae sp.	1	1	17	ob
Lathridius minutus group	1	1	17	rd
Enicmus sp.	1	1	17	rt
Corticaria sp.	1	1	17	rt
Corticarina or Cortinicara sp.	1	1	17	rt
Donacia sp.	1	1	17	oa w p
Prasocuris phellandrii (Linnaeus)	1	1	17	oa p d
Galerucella sp.	1	1	17	oa p
?Pyrrhalta viburni (Paykull)	1	1	17	oa p
Phyllotreta sp.	1	1	17	oa p
Chalcoides sp.	1	1	17	oa p
Chaetocnema arida group	1	1	17	oa p
Apion sp. A	1	1	17	oa p
Apion sp. B	1	1	17	oa p
Sitona suturalis Stephens	1	1	17	oa p
Anoplus roboris Suffrian	1	1	17	oa p
Miarus sp.	1	1	17	oa p
Curculionidae sp.	1	1	17	oa

Site: AOC138 Context: 48 Sample: 48/1 - beetle/bug main statistics

Erosion = 0 Fragmentation = 0; Weight = 0.000kg

Number of individuals estimated as	N =	114
Number of taxa	S =	63
Index of diversity (alpha)	alpha =	58
Standard error of alpha	SE alpha =	10
Number of 'certain' outdoor taxa	SOA =	25
Percentage of 'certain' outdoor taxa	%SOA =	40
Number of 'certain' outdoor individuals	NOA =	26
Percentage of 'certain' outdoor individuals	%NOA =	23
Number of 'certain' and probable outdoor taxa	SOB =	28
Percentage of 'certain' and probable outdoor taxa	%SOB =	44
Number of 'certain' and probable outdoor individuals	NOB =	30
Percentage 'certain' and probable outdoor individuals	%NOB =	26
Index of diversity of outdoor component	alpha OB =	195
Standard error	SE alpha OB =	133

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 =	2
Percentage of damp ground/waterside taxa	%SD =	3
Number of damp ground/waterside individuals	ND =	2
Percentage of damp ground/waterside individuals	%ND =	2
Number of strongly plant-associated taxa	SP =	16
Percentage of strongly plant-associated taxa	%SP =	25
Number of strongly plant-associated individuals	NP =	17
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 =	1
Percentage of wood-associated individuals	%NL =	1
Number of decomposer taxa	SRT =	17
Percentage of decomposer taxa	%SRT =	27
Number of decomposer individuals	NRT =	57
Percentage of decomposer individuals	%NRT =	50
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 =	1
Number of 'foul' decomposer taxa	SRF =	2
Percentage of 'foul' decomposer taxa	%SRF =	3
Number of 'foul' decomposer individuals	NRF =	3
Percentage of 'foul' decomposer individuals	%NRF =	3
Index of diversity of decomposer component	alpha RT =	8
Standard error	SE alpha RT =	2
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 =	19
Percentage of uncoded individuals	PNU =	25

Site: AOC138 Context: 48 Sample: 48/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Othius myrmecophilus Kiesenwetter	14	12	1	rt
Xantholinus gallicus or linearis	11	10	2	rt
Philonthus or Gabrius sp.	10	9	3	u
Megasternum obscurum (Marsham)	6	5	4	rt
Monotoma picipes Herbst	5	4	5	rt
Rugilus orbiculatus (Paykull)	4	4	6	rt
Cercyon analis (Paykull)	3	3	7	rt
Oxytelus sculptus Gravenhorst	3	3	7	rt
Conomelus anceps (Germar)	2	2	9	oa p
Aleocharinae sp. B	2	2	9	u
Aphodius ?prodromus (Brahm)	2	2	9	ob rf

Auchenorhyncha sp. A	1	1	12	oa p
Auchenorhyncha sp. B	1	1	12	oa p
Carabus nemoralis Muller	1	1	12	oa
Notiophilus palustris (Duftschmid)	1	1	12	oa
Trechus obtusus or quadristriatus	1	1	12	oa
Bembidion guttula or mannerheimi	1	1	12	oa
Pterostichus strenuus (Panzer)	1	1	12	oa
Carabidae sp.	1	1	12	ob
Ptenidium sp.	1	1	12	rt
Acrotrichis sp.	1	1	12	rt
Silpha atrata Linnaeus	1	1	12	u
Micropeplus fulvus Erichson	1	1	12	rt
Olophrum sp.	1	1	12	oa
Lesteva heeri Fauvel	1	1	12	oa d
Omaliinae sp.	1	1	12	u
Stenus sp. A	1	1	12	u
Stenus sp. B	1	1	12	u
Stenus sp. C	1	1	12	u
Stenus sp. D	1	1	12	u
Stenus sp. E	1	1	12	u
Lathrobium sp.	1	1	12	u
Neobisnius sp.	1	1	12	u
Quedius boops group	1	1	12	u
Tachyporus sp.	1	1	12	u
Tachinus sp.	1	1	12	u
Falagria or Cordalia sp.	1	1	12	rt
Aleocharinae sp. A	1	1	12	u
Aleocharinae sp. C	1	1	12	u
Aleocharinae sp. D	1	1	12	u
Aleocharinae sp. E	1	1	12	u
Pselaphidae sp.	1	1	12	u
Geotrupes sp.	1	1	12	oa rf
Hypnoidus riparius (Fabricius)	1	1	12	oa p
Elateridae sp.	1	1	12	ob
Atomaria sp.	1	1	12	rd
Enicmus sp.	1	1	12	rt
Corticaria sp. A	1	1	12	rt
Corticaria sp. B	1	1	12	rt
Salpingidae sp.	1	1	12	l
?Galerucella sp.	1	1	12	oa p
Longitarsus sp.	1	1	12	oa p
Halticinae sp.	1	1	12	oa p
Apion sp.	1	1	12	oa p
Strophosomus melanogrammus (Forster)	1	1	12	oa p
Sitona ?lepidus Gyllenhal	1	1	12	oa p
Sitona sp.	1	1	12	oa p
Hypera punctata (Fabricius)	1	1	12	oa p
Hypera sp.	1	1	12	oa p
Alophus triguttatus (Fabricius)	1	1	12	oa p
Notaris acridulus (Linnaeus)	1	1	12	oa d p
Anthonomus sp.	1	1	12	oa p
Curculionidae sp. B	1	1	12	oa

Site: AOC138 Context: 52 Sample: 52/1 - beetle/bug main statistics

Erosion = 4 Fragmentation = 4; Weight = 0.000kg

Number of individuals estimated as	N =	54
Number of taxa	S =	28
Index of diversity (alpha)	alpha =	24
Standard error of alpha	SE alpha =	6
Number of 'certain' outdoor taxa	SOA =	8
Percentage of 'certain' outdoor taxa	%SOA =	29
Number of 'certain' outdoor individuals	NOA =	10
Percentage of 'certain' outdoor individuals	%NOA =	19
Number of 'certain' and probable outdoor taxa	SOB =	13
Percentage of 'certain' and probable outdoor taxa	%SOB =	46
Number of 'certain' and probable outdoor individuals	NOB =	17
Percentage 'certain' and probable outdoor individuals	%NOB =	31
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 =	2
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 =	2
Percentage of strongly plant-associated taxa	%SP =	7
Number of strongly plant-associated individuals	NP =	2
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 =	0
Number of wood-associated individuals	NL =	0
Percentage of wood-associated individuals	%NL =	0
Number of decomposer taxa	SRT =	10
Percentage of decomposer taxa	%SRT =	36
Number of decomposer individuals	NRT =	32
Percentage of decomposer individuals	%NRT =	59
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 =	4
Percentage of 'foul' decomposer taxa	%SRF =	14
Number of 'foul' decomposer individuals	NRF =	5
Percentage of 'foul' decomposer individuals	%NRF =	9
Index of diversity of decomposer component	alpha RT =	5
Standard error	SE alpha RT =	1
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 =	9
Percentage of uncoded individuals	PNU =	19

Site: AOC138 Context: 52 Sample: 52/1 - species list in rank order

NOTE: this list includes 'semi-quantitative' records, marked by
'*' in the first column of the comment following a record.

Taxon	Number	%	Rank	Ecodes
Cercyon analis (Paykull)*	15	28	1	rt
Megasternum obscurum (Marsham)*	6	11	2	rt
Micropeplus staphylinoides (Marsham)	2	4	3	rt
Olophrum sp.	2	4	3	oa
Acidota crenata (Fabricius)	2	4	3	oa
Stenus sp. B	2	4	3	u
Gyrohypnus sp.	2	4	3	rt
Aphodius sp. A	2	4	3	ob rf
Elateridae sp.	2	4	3	ob
Auchenorhyncha sp.	1	2	10	oa p
Trechus obtusus or quadristriatus	1	2	10	oa
Pterostichus diligens or strenuus	1	2	10	oa
Carabidae sp.	1	2	10	ob
Helophorus aquaticus or grandis	1	2	10	oa w
Scydmaenidae sp.	1	2	10	u
Oxytelus sculptus Gravenhorst	1	2	10	rt
Stenus sp. A	1	2	10	u
Lathrobium sp.	1	2	10	u
Philonthus sp.	1	2	10	u
Staphylinus sp.	1	2	10	u
Staphylininae sp.	1	2	10	u
Mycetoporus sp.	1	2	10	u
Pselaphidae sp.	1	2	10	u
Aphodius ater (Degeer)	1	2	10	oa rf
Aphodius sp.	1	2	10	ob rf
Aphodius sp. B	1	2	10	ob rf
Monotoma sp.	1	2	10	rt
Chrysomelinae sp.	1	2	10	oa p

Site: AOC138 Context: 55 Sample: 55/1 - beetle/bug main statistics

Erosion = 2 Fragmentation = 2; Weight = 0.000kg

Number of individuals estimated as	N =	79
Number of taxa	S =	49
Index of diversity (alpha)	alpha =	55
Standard error of alpha	SE alpha =	11
Number of 'certain' outdoor taxa	SOA =	18
Percentage of 'certain' outdoor taxa	%SOA =	37
Number of 'certain' outdoor individuals	NOA =	18
Percentage of 'certain' outdoor individuals	%NOA =	23
Number of 'certain' and probable outdoor taxa	SOB =	20
Percentage of 'certain' and probable outdoor taxa	%SOB =	41
Number of 'certain' and probable outdoor individuals	NOB =	20

```
Percentage 'certain' and probable outdoor individuals  %NOB =    25
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 =     3
Number of damp ground/waterside taxa                    SD =     2
Percentage of damp ground/waterside taxa               %SD =     4
Number of damp ground/waterside individuals             ND =     2
Percentage of damp ground/waterside individuals        %ND =     3
Number of strongly plant-associated taxa                SP =    10
Percentage of strongly plant-associated taxa           %SP =    20
Number of strongly plant-associated individuals         NP =    10
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 =     0
Number of wood-associated individuals                   NL =     0
Percentage of wood-associated individuals              %NL =     0
Number of decomposer taxa                              SRT =    10
Percentage of decomposer taxa                         %SRT =    20
Number of decomposer individuals                       NRT =    32
Percentage of decomposer individuals                  %NRT =    41
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 =     3
Percentage of 'foul' decomposer taxa                  %SRF =     6
Number of 'foul' decomposer individuals                 NRF =     3
Percentage of 'foul' decomposer individuals           %NRF =     4
Index of diversity of decomposer component         alpha RT =     5
Standard error                                  SE alpha RT =     1
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 =    37
```

Site: AOC138 Context: 55 Sample: 55/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Megasternum obscurum (Marsham)	12	15	1	rt
Micropeplus staphylinoides (Marsham)	6	8	2	rt
Xantholinus gallicus or linearis	4	5	3	rt
Philonthus or Gabrius sp.	4	5	3	u
Acrotrichis sp.	3	4	5	rt
Stenus sp. B	2	3	6	u
Stenus sp. C	2	3	6	u
Stenus sp. D	2	3	6	u
Stenus sp. F	2	3	6	u

Othius myrmecophilus Kiesenwetter	2	3	6	rt
Philonthus sp.	2	3	6	u
Clivina fossor (Linnaeus)	1	1	12	oa
Amara sp.	1	1	12	oa
Carabidae sp.	1	1	12	ob
Cercyon sp.	1	1	12	u
Cryptopleurum minutum (Fabricius)	1	1	12	rf
Anacaena sp.	1	1	12	oa w
Ochthebius ?minimus (Fabricius)	1	1	12	oa w
Agathidium sp.	1	1	12	u
Silpha atrata Linnaeus	1	1	12	u
Scydmaenidae sp.	1	1	12	u
Metopsia retusa (Stephens)	1	1	12	u
Olophrum sp.	1	1	12	oa
Acidota cruentata Mannerheim	1	1	12	oa
Stenus sp. A	1	1	12	u
Stenus sp. E	1	1	12	u
Lathrobium sp.	1	1	12	u
Ochthephilum fracticorne (Paykull)	1	1	12	oa d
Rugilus orbiculatus (Paykull)	1	1	12	rt
Othius punctulatus (Goeze)	1	1	12	rt
Philonthus sp. B	1	1	12	u
Philonthus or Quedius sp.	1	1	12	u
Tachyporus nitidulus (Fabricius)	1	1	12	u
Tachinus ?signatus Gravenhorst	1	1	12	u
Aleocharinae sp.	1	1	12	u
Pselaphidae sp.	1	1	12	u
Aphodius ater (Degeer)	1	1	12	oa rf
Aphodius sp.	1	1	12	ob rf
Dascillus cervinus (Linnaeus)	1	1	12	oa p
Hypnoidus riparius (Fabricius)	1	1	12	oa p
Ctenicera cuprea (Fabricius)	1	1	12	oa p
Agriotes obscurus (Linnaeus)	1	1	12	oa p
Chrysolina staphylaea (Linnaeus)	1	1	12	oa p
Mantura obtusata (Gyllenhal)	1	1	12	oa p
Apion (Protapion) sp.	1	1	12	oa p
Apion sp. A	1	1	12	oa p
Apion sp. B	1	1	12	oa p
Notaris acridulus (Linnaeus)	1	1	12	oa d p
Coleoptera sp.	1	1	12	u

Site: AOC138 Context: 56 Sample: 56/1 - beetle/bug main statistics

Erosion = 2 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N = 25
Number of taxa	S = 17
Index of diversity (alpha)	alpha = 24
Standard error of alpha	SE alpha = 10
Number of 'certain' outdoor taxa	SOA = 4
Percentage of 'certain' outdoor taxa	%SOA = 24
Number of 'certain' outdoor individuals	NOA = 4
Percentage of 'certain' outdoor individuals	%NOA = 16

```
Number of 'certain' and probable outdoor taxa           SOB =     7
Percentage of 'certain' and probable outdoor taxa      %SOB =    41
Number of 'certain' and probable outdoor individuals    NOB =     8
Percentage 'certain' and probable outdoor individuals  %NOB =    32
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 =     8
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 =     2
Percentage of strongly plant-associated taxa            %SP =    12
Number of strongly plant-associated individuals          NP =     2
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 =     0
Number of wood-associated individuals                    NL =     0
Percentage of wood-associated individuals               %NL =     0
Number of decomposer taxa                               SRT =     4
Percentage of decomposer taxa                          %SRT =    24
Number of decomposer individuals                        NRT =    12
Percentage of decomposer individuals                   %NRT =    48
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
Percentage of 'foul' decomposer taxa                   %SRF =     6
Number of 'foul' decomposer individuals                 NRF =     2
Percentage of 'foul' decomposer individuals            %NRF =     8
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 =     7
Percentage of uncoded individuals                       PNU =    28
```

Site: AOC138 Context: 56 Sample: 56/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Megasternum obscurum (Marsham)	5	20	1	rt
Xantholinus gallicus or linearis	4	16	2	rt
Aphodius ?prodromus (Brahm)	2	8	3	ob rf
Corixidae sp.	1	4	4	oa w
Carabidae sp.	1	4	4	ob
Hydroporinae sp.	1	4	4	oa w
Micropeplus staphylinoides (Marsham)	1	4	4	rt

Omaliinae sp.	1	4	4	u
Stenus sp. A	1	4	4	u
Stenus sp. B	1	4	4	u
Quedius sp.	1	4	4	u
Tachinus sp. A	1	4	4	u
Tachinus sp. B	1	4	4	u
Aleocharinae sp.	1	4	4	u
Elateridae sp.	1	4	4	ob
Sitona ?lepidus Gyllenhal	1	4	4	oa p
Alophus triguttatus (Fabricius)	1	4	4	oa p

Site: AOC138 Context: 59 Sample: 59/1 - beetle/bug main statistics

Erosion = 2 Fragmentation = 2; Weight = 0.000kg

Number of individuals estimated as	N =	45
Number of taxa	S =	32
Index of diversity (alpha)	alpha =	50
Standard error of alpha	SE alpha =	16
Number of 'certain' outdoor taxa	SOA =	14
Percentage of 'certain' outdoor taxa	%SOA =	44
Number of 'certain' outdoor individuals	NOA =	14
Percentage of 'certain' outdoor individuals	%NOA =	31
Number of 'certain' and probable outdoor taxa	SOB =	16
Percentage of 'certain' and probable outdoor taxa	%SOB =	50
Number of 'certain' and probable outdoor individuals	NOB =	16
Percentage 'certain' and probable outdoor individuals	%NOB =	36
Diversity index for OB not calculated, NOB = SOB or NOB < 20		
Number of aquatic taxa	SW =	2
Percentage of aquatic taxa	%SW =	6
Number of aquatic individuals	NW =	2
Percentage of aquatic individuals	%NW =	4
Number of damp ground/waterside taxa	SD =	1
Percentage of damp ground/waterside taxa	%SD =	3
Number of damp ground/waterside individuals	ND =	1
Percentage of damp ground/waterside individuals	%ND =	2
Number of strongly plant-associated taxa	SP =	8
Percentage of strongly plant-associated taxa	%SP =	25
Number of strongly plant-associated individuals	NP =	8
Percentage of strongly plant-associated individuals	%NP =	18
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 =	8
Percentage of decomposer taxa	%SRT =	25
Number of decomposer individuals	NRT =	17
Percentage of decomposer individuals	%NRT =	38
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 =     2
Percentage of 'foul' decomposer taxa                  %SRF =     6
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 =    31
```

Site: AOC138 Context: 59 Sample: 59/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Acrotrichis sp.	4	9	1	rt
Xantholinus linearis group (Olivier)	4	9	1	rt
Othius myrmecophilus Kiesenwetter	3	7	3	rt
Megasternum obscurum (Marsham)	2	4	4	rt
Stenus sp.	2	4	4	u
Philonthus sp.	2	4	4	u
Philonthus or Gabrius sp.	2	4	4	u
Quedius boops group	2	4	4	u
Lygaeidae sp.	1	2	9	oa p
Bembidion (Philochthus) sp.	1	2	9	oa
Pterostichus ?nigrita (Paykull)	1	2	9	oa d
Calathus sp.	1	2	9	oa
Hydrobius fuscipes (Linnaeus)	1	2	9	oa w
Limnebius sp.	1	2	9	oa w
Micropeplus sp.	1	2	9	rt
Othius punctulatus (Goeze)	1	2	9	rt
Staphylininae sp.	1	2	9	u
Tachyporus sp.	1	2	9	u
Aleocharinae sp. A	1	2	9	u
Aleocharinae sp. B	1	2	9	u
Aleocharinae sp. C	1	2	9	u
Pselaphidae sp.	1	2	9	u
Aphodius sp. A	1	2	9	ob rf
Aphodius sp. B	1	2	9	ob rf
Dascillus cervinus (Linnaeus)	1	2	9	oa p
Hypnoidus riparius (Fabricius)	1	2	9	oa p
Ctenicera cuprea (Fabricius)	1	2	9	oa p
Phyllodecta sp.	1	2	9	oa p
Longitarsus sp.	1	2	9	oa p
Apion sp.	1	2	9	oa p
Sitona sp.	1	2	9	oa p
Curculionidae sp.	1	2	9	oa

Site: AOC138 Context: 71 Sample: 71/1 - beetle/bug main statistics

```
Erosion = 2 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as                        N =    61
Number of taxa                                            S =    35
Index of diversity (alpha)                            alpha =    34
Standard error of alpha                            SE alpha =     8
Number of 'certain' outdoor taxa                         SOA =     7
Percentage of 'certain' outdoor taxa                    %SOA =    20
Number of 'certain' outdoor individuals                  NOA =     8
Percentage of 'certain' outdoor individuals             %NOA =    13
Number of 'certain' and probable outdoor taxa            SOB =     9
Percentage of 'certain' and probable outdoor taxa       %SOB =    26
Number of 'certain' and probable outdoor individuals     NOB =    10
Percentage 'certain' and probable outdoor individuals   %NOB =    16
Diversity index for OB not calculated, NOB = SOB or NOB < 20
Number of aquatic taxa                                    SW =     2
Percentage of aquatic taxa                               %SW =     6
Number of aquatic individuals                             NW =     2
Percentage of aquatic individuals                        %NW =     3
Number of damp ground/waterside taxa                      SD =     1
Percentage of damp ground/waterside taxa                 %SD =     3
Number of damp ground/waterside individuals               ND =     1
Percentage of damp ground/waterside individuals          %ND =     2
Number of strongly plant-associated taxa                  SP =     2
Percentage of strongly plant-associated taxa             %SP =     6
Number of strongly plant-associated individuals           NP =     2
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 =     1
Number of wood-associated individuals                     NL =     1
Percentage of wood-associated individuals                %NL =     2
Number of decomposer taxa                                SRT =    11
Percentage of decomposer taxa                           %SRT =    31
Number of decomposer individuals                         NRT =    28
Percentage of decomposer individuals                    %NRT =    46
Number of 'dry' decomposer taxa                          SRD =     4
Percentage of 'dry'decomposer taxa                      %SRD =    11
Number of 'dry' decomposer individuals                   NRD =     7
Percentage of 'dry'decomposer individuals               %NRD =    11
Number of 'foul' decomposer taxa                         SRF =     1
Percentage of 'foul' decomposer taxa                    %SRF =     3
Number of 'foul' decomposer individuals                  NRF =     1
Percentage of 'foul' decomposer individuals             %NRF =     2
Index of diversity of decomposer component          alpha RT =     7
Standard error                                   SE alpha RT =     2
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 =    15
Percentage of uncoded individuals                        PNU =    38
```

Site: AOC138 Context: 71 Sample: 71/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Cercyon analis (Paykull)	13	21	1	rt
Stenus sp. B	4	7	2	u
Neobisnius sp.	4	7	2	u
Pterostichus diligens or strenuus	2	3	4	oa
Xylodromus concinnus (Marsham)	2	3	4	rt
Oxytelus sculptus Gravenhorst	2	3	4	rt
Philonthus sp. A	2	3	4	u
Aleocharinae sp. A	2	3	4	u
Cryptophagus sp. A	2	3	4	rd
Cryptophagus sp. B	2	3	4	rd
Lathridius minutus group	2	3	4	rd
Pterostichus ?nigrita (Paykull)	1	2	12	oa d
Hydrophilinae sp.	1	2	12	oa w
Hydraena sp.	1	2	12	oa w
Olophrum piceum (Gyllenhal)	1	2	12	oa
Carpelimus ?bilineatus Stephens	1	2	12	rt
Stenus sp. A	1	2	12	u
Lathrobium sp.	1	2	12	u
Othius sp.	1	2	12	rt
Gyrohypnus fracticornis (Muller)	1	2	12	rt
Xantholinus sp.	1	2	12	u
Philonthus sp. B	1	2	12	u
Philonthus sp. C	1	2	12	u
Philonthus or Gabrius sp.	1	2	12	u
Tachinus laticollis or marginellus	1	2	12	u
Aleocharinae sp. B	1	2	12	u
Aleocharinae sp. C	1	2	12	u
Aleocharinae sp. D	1	2	12	u
Aleocharinae sp. E	1	2	12	u
Aphodius sp.	1	2	12	ob rf
Elateridae sp.	1	2	12	ob
Atomaria sp.	1	2	12	rd
?Cerambycidae sp.	1	2	12	l
Hydrothassa ?marginella (Linnaeus)	1	2	12	oa p
Chrysomelinae sp.	1	2	12	oa p

Site: AOC138 Context: 77 Sample: 77/1 - beetle/bug main statistics

Erosion = 4 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	21
Number of taxa	S =	18
Index of diversity (alpha)	alpha =	58

```
Standard error of alpha                          SE alpha =    34
Number of 'certain' outdoor taxa                      SOA =     4
Percentage of 'certain' outdoor taxa                 %SOA =    22
Number of 'certain' outdoor individuals               NOA =     5
Percentage of 'certain' outdoor individuals          %NOA =    24
Number of 'certain' and probable outdoor taxa         SOB =     7
Percentage of 'certain' and probable outdoor taxa    %SOB =    39
Number of 'certain' and probable outdoor individuals  NOB =     8
Percentage 'certain' and probable outdoor individuals %NOB =    38
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 =     5
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 =     2
Percentage of strongly plant-associated taxa         %SP =    11
Number of strongly plant-associated individuals       NP =     3
Percentage of strongly plant-associated individuals  %NP =    14
Number of heathland/moorland taxa                     SM =     1
Number of heathland/moorland individuals              NM =     2
Percentage of heathland/moorland individuals         %NM =    10
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 =     5
Percentage of decomposer taxa                       %SRT =    28
Number of decomposer individuals                     NRT =     7
Percentage of decomposer individuals                %NRT =    33
Number of 'dry' decomposer taxa                      SRD =     1
Percentage of 'dry'decomposer taxa                  %SRD =     6
Number of 'dry' decomposer individuals               NRD =     1
Percentage of 'dry'decomposer individuals           %NRD =     5
Number of 'foul' decomposer taxa                     SRF =     2
Percentage of 'foul' decomposer taxa                %SRF =    11
Number of 'foul' decomposer individuals              NRF =     2
Percentage of 'foul' decomposer individuals         %NRF =    10
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 =     8
Percentage of uncoded individuals                    PNU =    38
```

Site: AOC138 Context: 77 Sample: 77/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Cercyon analis (Paykull)	2	10	1	rt
Xantholinus longiventris Heer	2	10	1	rt

Micrelus ericae (Gyllenhal)	2	10	1	oa p m
Pterostichus sp.	1	5	4	ob
Chaetarthria seminulum (Herbst)	1	5	4	oa w
Olophrum sp.	1	5	4	oa
Stenus sp.	1	5	4	u
Lathrobium sp. A	1	5	4	u
Lathrobium sp. B	1	5	4	u
?Neobisnius sp.	1	5	4	u
Philonthus sp.	1	5	4	u
Staphylininae sp.	1	5	4	u
Aleocharinae sp. A	1	5	4	u
Pselaphus heisei (Herbst)	1	5	4	u
Aphodius sp. A	1	5	4	ob rf
Aphodius sp. B	1	5	4	ob rf
Cryptophagus sp.	1	5	4	rd
Chaetocnema ?arida group	1	5	4	oa p

Site: AOC138 Context: 89 Sample: 89/1 - beetle/bug main statistics

Erosion = 4 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	34
Number of taxa	S =	32
Index of diversity (alpha)	alpha =	253
Standard error of alpha	SE alpha =	172
Number of 'certain' outdoor taxa	SOA =	10
Percentage of 'certain' outdoor taxa	%SOA =	31
Number of 'certain' outdoor individuals	NOA =	10
Percentage of 'certain' outdoor individuals	%NOA =	29
Number of 'certain' and probable outdoor taxa	SOB =	13
Percentage of 'certain' and probable outdoor taxa	%SOB =	41
Number of 'certain' and probable outdoor individuals	NOB =	13
Percentage 'certain' and probable outdoor individuals	%NOB =	38
Diversity index for OB not calculated, NOB = SOB or NOB < 20		
Number of aquatic taxa	SW =	3
Percentage of aquatic taxa	%SW =	9
Number of aquatic individuals	NW =	3
Percentage of aquatic individuals	%NW =	9
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 =	2
Percentage of strongly plant-associated taxa	%SP =	6
Number of strongly plant-associated individuals	NP =	2
Percentage of strongly plant-associated individuals	%NP =	6
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 =	28
Number of decomposer individuals	NRT =	11
Percentage of decomposer individuals	%NRT =	32
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
Percentage of 'foul' decomposer taxa	%SRF =	3
Number of 'foul' decomposer individuals	NRF =	1
Percentage of 'foul' decomposer individuals	%NRF =	3

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 =	11
Percentage of uncoded individuals	PNU =	32

Site: AOC138 Context: 89 Sample: 89/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Megasternum obscurum (Marsham)	2	6	1	rt
Xylodromus ?concinnus (Marsham)	2	6	1	rt
Lygaeidae sp.	1	3	3	oa p
Leistus sp.	1	3	3	oa
Trechus ?micros (Herbst)	1	3	3	u
Bembidion sp.	1	3	3	oa
Pterostichus diligens or strenuus	1	3	3	oa
Carabidae sp.	1	3	3	ob
Chaetarthria seminulum (Herbst)	1	3	3	oa w
Hydrophilinae sp.	1	3	3	oa w
Limnebius sp.	1	3	3	oa w
Ptenidium sp.	1	3	3	rt
Olophrum sp.	1	3	3	oa
Acidota crenata (Fabricius)	1	3	3	oa
Carpelimus ?bilineatus Stephens	1	3	3	rt
Anotylus rugosus (Fabricius)	1	3	3	rt
Anotylus sculpturatus group	1	3	3	rt
Stenus sp. A	1	3	3	u
Stenus sp. B	1	3	3	u
Lathrobium sp. A	1	3	3	u
Lathrobium sp. B	1	3	3	u
Paederinae sp.	1	3	3	u
Gyrohypnus ?angustatus Stephens	1	3	3	rt
?Neobisnius sp.	1	3	3	u
Tachyporus sp.	1	3	3	u
Cordalia obscura (Gravenhorst)	1	3	3	rt
Aleocharinae sp. A	1	3	3	u
Aleocharinae sp. B	1	3	3	u
Aleocharinae sp. C	1	3	3	u
Aphodius sp.	1	3	3	ob rf
Elateridae sp.	1	3	3	ob

```
Strophosomus sp.                                1    3    3  oa p
```

Site: AOC138 Context: 108 Sample: 108/1 - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 0.000kg

```
Number of individuals estimated as                          N =    85
Number of taxa                                              S =    55
Index of diversity (alpha)                              alpha =    67
Standard error of alpha                                SE alpha =    14
Number of 'certain' outdoor taxa                            SOA =    24
Percentage of 'certain' outdoor taxa                       %SOA =    44
Number of 'certain' outdoor individuals                     NOA =    31
Percentage of 'certain' outdoor individuals                %NOA =    36
Number of 'certain' and probable outdoor taxa               SOB =    26
Percentage of 'certain' and probable outdoor taxa          %SOB =    47
Number of 'certain' and probable outdoor individuals        NOB =    33
Percentage 'certain' and probable outdoor individuals      %NOB =    39
Index of diversity of outdoor component                 alpha OB =    56
Standard error                                     SE alpha OB =    23
Number of aquatic taxa                                      SW =     9
Percentage of aquatic taxa                                 %SW =    16
Number of aquatic individuals                               NW =    14
Percentage of aquatic individuals                          %NW =    16
Number of damp ground/waterside taxa                        SD =     5
Percentage of damp ground/waterside taxa                   %SD =     9
Number of damp ground/waterside individuals                 ND =     7
Percentage of damp ground/waterside individuals            %ND =     8
Number of strongly plant-associated taxa                    SP =     6
Percentage of strongly plant-associated taxa               %SP =    11
Number of strongly plant-associated individuals             NP =     6
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
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 =    14
Percentage of decomposer taxa                              %SRT =    25
Number of decomposer individuals                            NRT =    29
Percentage of decomposer individuals                       %NRT =    34
Number of 'dry' decomposer taxa                             SRD =     3
Percentage of 'dry'decomposer taxa                         %SRD =     5
Number of 'dry' decomposer individuals                      NRD =     5
Percentage of 'dry'decomposer individuals                  %NRD =     6
Number of 'foul' decomposer taxa                            SRF =     1
Percentage of 'foul' decomposer taxa                       %SRF =     2
Number of 'foul' decomposer individuals                     NRF =     1
Percentage of 'foul' decomposer individuals                %NRF =     1
Index of diversity of decomposer component              alpha RT =    11
Standard error                                     SE alpha RT =     3
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 =	15
Percentage of uncoded individuals	PNU =	27

Site: AOC138 Context: 108 Sample: 108/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Cercyon analis (Paykull)	6	7	1	rt
Stenus sp. C	6	7	1	u
Carpelimus ?bilineatus Stephens	5	6	3	rt
Helophorus sp.	3	4	4	oa w
Gyrohypnus angustatus Stephens	3	4	4	rt
Oulimnius sp.	3	4	4	oa w
Lathridius minutus group	3	4	4	rd
Donacia versicolorea (Brahm)	3	4	4	oa d
Hydraena sp.	2	2	9	oa w
Acrotrichis sp.	2	2	9	rt
Oxytelus sculptus Gravenhorst	2	2	9	rt
Philonthus sp. B	2	2	9	u
Aleocharinae sp. A	2	2	9	u
Aleocharinae sp. D	2	2	9	u
Lygaeidae sp.	1	1	15	oa p
Saldidae sp.	1	1	15	oa d
Corixidae sp.	1	1	15	oa w
Clivina fossor (Linnaeus)	1	1	15	oa
Pterostichus ?strenuus (Panzer)	1	1	15	oa
Agonum sp.	1	1	15	oa
Carabidae sp.	1	1	15	ob
?Haliplidae sp.	1	1	15	u
Stictotarsus duodecimpustulatus (Fabricius)	1	1	15	oa w
Hydroporinae sp. B	1	1	15	oa w
Gyrinus sp.	1	1	15	oa w
Cercyon haemorrhoidalis (Fabricius)	1	1	15	rf
Megasternum obscurum (Marsham)	1	1	15	rt
Ochthebius sp.	1	1	15	oa w
Limnebius sp.	1	1	15	oa w
Lesteva heeri Fauvel	1	1	15	oa d
Stenus sp. A	1	1	15	u
Stenus sp. B	1	1	15	u
Lathrobium sp. A	1	1	15	u
Lathrobium sp. B	1	1	15	u
Othius sp.	1	1	15	rt
Leptacinus sp.	1	1	15	rt
Gyrohypnus fracticornis (Muller)	1	1	15	rt
Philonthus sp. A	1	1	15	u
Mycetoporus sp.	1	1	15	u
Aleocharinae sp. B	1	1	15	u
Aleocharinae sp. C	1	1	15	u
Aleocharinae sp. E	1	1	15	u
Cyphon sp.	1	1	15	oa d
Dalopius marginatus (Linnaeus)	1	1	15	oa p

Elateridae sp.	1	1	15	ob
Cryptophagus sp.	1	1	15	rd
Atomaria sp.	1	1	15	rd
Anthicus sp.	1	1	15	rt
Prasocuris phellandrii (Linnaeus)	1	1	15	oa p d
Halticinae sp.	1	1	15	oa p
Apion sp.	1	1	15	oa p
Sitona sp.	1	1	15	oa p
Curculionidae sp. A	1	1	15	oa
Curculionidae sp. B	1	1	15	oa
Coleoptera sp.	1	1	15	u

Site: AOC138 Context: 115 Sample: 115/1 - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	31
Number of taxa	S =	16
Index of diversity (alpha)	alpha =	14
Standard error of alpha	SE alpha =	4
Number of 'certain' outdoor taxa	SOA =	13
Percentage of 'certain' outdoor taxa	%SOA =	81
Number of 'certain' outdoor individuals	NOA =	28
Percentage of 'certain' outdoor individuals	%NOA =	90
Number of 'certain' and probable outdoor taxa	SOB =	13
Percentage of 'certain' and probable outdoor taxa	%SOB =	81
Number of 'certain' and probable outdoor individuals	NOB =	28
Percentage 'certain' and probable outdoor individuals	%NOB =	90
Index of diversity of outdoor component	alpha OB =	10
Standard error	SE alpha OB =	3
Number of aquatic taxa	SW =	2
Percentage of aquatic taxa	%SW =	13
Number of aquatic individuals	NW =	16
Percentage of aquatic individuals	%NW =	52
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 =	3
Number of strongly plant-associated taxa	SP =	8
Percentage of strongly plant-associated taxa	%SP =	50
Number of strongly plant-associated individuals	NP =	9
Percentage of strongly plant-associated individuals	%NP =	29
Number of heathland/moorland taxa	SM =	1
Number of heathland/moorland individuals	NM =	1
Percentage of heathland/moorland individuals	%NM =	3
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 =	2
Percentage of decomposer taxa	%SRT =	13
Number of decomposer individuals	NRT =	2
Percentage of decomposer individuals	%NRT =	6
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
Percentage of 'foul' decomposer taxa                  %SRF =     6
Number of 'foul' decomposer individuals                NRF =     1
Percentage of 'foul' decomposer individuals           %NRF =     3
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 =     2
Percentage of uncoded individuals                      PNU =     6
```

Site: AOC138 Context: 115 Sample: 115/1 - species list in rank order

```
NOTE: this list includes 'semi-quantitative' records, marked by
     '*' in the first column of the comment following a record.
```

Taxon	Number	%	Rank	Ecodes
Sigara ?distincta (Fieber)*	15	48	1	oa w
Corixa sp.	2	6	2	oa p
Picromerus bidens (Linnaeus)	1	3	3	oa p
Miridae sp.	1	3	3	oa p
Ulopa reticulata (Fabricius)	1	3	3	oa p m
Conomelus anceps (Germar)	1	3	3	oa p
Auchenorhyncha sp. A	1	3	3	oa p
Auchenorhyncha sp. B	1	3	3	oa p
Livia juncorum (Latreille)	1	3	3	oa p
Gyrinus sp.	1	3	3	oa w
Acrotrichis sp.	1	3	3	rt
Omaliinae sp.	1	3	3	u
Aleocharinae sp.	1	3	3	u
Aphodius ?contaminatus (Herbst)	1	3	3	oa rf
Cyphon sp.	1	3	3	oa d
Curculionidae sp.	1	3	3	oa

Site: AOC138 Context: 119 Sample: 119/1 - beetle/bug main statistics

```
Erosion = 3 Fragmentation = 4; Weight = 0.000kg

Number of individuals estimated as                      N =    59
Number of taxa                                          S =    45
Index of diversity (alpha)                          alpha =    86
Standard error of alpha                          SE alpha =    25
Number of 'certain' outdoor taxa                      SOA =    28
Percentage of 'certain' outdoor taxa                 %SOA =    62
Number of 'certain' outdoor individuals               NOA =    40
Percentage of 'certain' outdoor individuals          %NOA =    68
Number of 'certain' and probable outdoor taxa         SOB =    31
Percentage of 'certain' and probable outdoor taxa    %SOB =    69
```

```
Number of 'certain' and probable outdoor individuals    NOB =    43
Percentage 'certain' and probable outdoor individuals  %NOB =    73
Index of diversity of outdoor component            alpha OB =    50
Standard error                                  SE alpha OB =    16
Number of aquatic taxa                                SW =    13
Percentage of aquatic taxa                           %SW =    29
Number of aquatic individuals                         NW =    21
Percentage of aquatic individuals                    %NW =    36
Number of damp ground/waterside taxa                  SD =     2
Percentage of damp ground/waterside taxa             %SD =     4
Number of damp ground/waterside individuals           ND =     2
Percentage of damp ground/waterside individuals      %ND =     3
Number of strongly plant-associated taxa              SP =    11
Percentage of strongly plant-associated taxa         %SP =    24
Number of strongly plant-associated individuals       NP =    14
Percentage of strongly plant-associated individuals  %NP =    24
Number of heathland/moorland taxa                     SM =     3
Number of heathland/moorland individuals              NM =     5
Percentage of heathland/moorland individuals         %NM =     8
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 =    11
Percentage of decomposer taxa                        %SRT =    24
Number of decomposer individuals                      NRT =    13
Percentage of decomposer individuals                 %NRT =    22
Number of 'dry' decomposer taxa                       SRD =     2
Percentage of 'dry'decomposer taxa                   %SRD =     4
Number of 'dry' decomposer individuals                NRD =     2
Percentage of 'dry'decomposer individuals            %NRD =     3
Number of 'foul' decomposer taxa                      SRF =     2
Percentage of 'foul' decomposer taxa                 %SRF =     4
Number of 'foul' decomposer individuals               NRF =     2
Percentage of 'foul' decomposer individuals          %NRF =     3
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 =     5
Percentage of uncoded individuals                    PNU =     8
```

Site: AOC138 Context: 119 Sample: 119/1 - species list in rank order

NOTE: this list includes 'semi-quantitative' records, marked by
'*' in the first column of the comment following a record.

Taxon	Number	%	Rank	Ecodes
Corixidae sp. B *	6	10	1	oa w
Scolopostethus ?decoratus (Hahn)	3	5	2	oa p m
Cercyon analis (Paykull)	3	5	2	rt
Corixidae sp. A	2	3	4	oa w
Conomelus anceps (Germar)	2	3	4	oa p

Hydroporinae sp. B	2	3	4	oa w
Hydroporinae sp. D	2	3	4	oa w
Olophrum sp.	2	3	4	oa
Corixidae sp. C	1	2	9	oa w
Ulopa reticulata (Fabricius)	1	2	9	oa p m
Auchenorhyncha sp.	1	2	9	oa p
Strophingia ericae (Curtis)	1	2	9	oa p m
Bradycellus sp.	1	2	9	oa
Carabidae sp.	1	2	9	ob
Hydroporinae sp. A	1	2	9	oa w
Hydroporinae sp. C	1	2	9	oa w
Colymbetinae sp.	1	2	9	oa w
Helophorus sp.	1	2	9	oa w
Megasternum obscurum (Marsham)	1	2	9	rt
Hydrophilinae sp.	1	2	9	oa w
Hydraena sp.	1	2	9	oa w
Lesteva ?heeri Fauvel	1	2	9	oa d
Carpelimus ?bilineatus Stephens	1	2	9	rt
Oxytelus sculptus Gravenhorst	1	2	9	rt
Stenus sp. A	1	2	9	u
Stenus sp. B	1	2	9	u
Lathrobium sp.	1	2	9	u
Othius ?myrmecophilus Kiesenwetter	1	2	9	rt
Xantholinus linearis group (Olivier)	1	2	9	rt
Staphylininae sp.	1	2	9	u
Aleocharinae sp.	1	2	9	u
Geotrupes sp.	1	2	9	oa rf
Aphodius sp.	1	2	9	ob rf
Cyphon sp.	1	2	9	oa d
Oulimnius sp.	1	2	9	oa w
Elateridae sp.	1	2	9	ob
Atomaria sp.	1	2	9	rd
Typhaea stercorea (Linnaeus)	1	2	9	rd
Anthicus formicarius (Goeze)	1	2	9	rt
Donacia sp.	1	2	9	oa w p
Chrysomelinae sp. A	1	2	9	oa p
Chrysomelinae sp. B	1	2	9	oa p
Phyllotreta sp.	1	2	9	oa p
Longitarsus sp.	1	2	9	oa p
Dorytomus sp.	1	2	9	oa p

Site: AOC138 Context: 207 Sample: 207/1 - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	94
Number of taxa	S =	49
Index of diversity (alpha)	alpha =	42
Standard error of alpha	SE alpha =	7
Number of 'certain' outdoor taxa	SOA =	17
Percentage of 'certain' outdoor taxa	%SOA =	35
Number of 'certain' outdoor individuals	NOA =	19
Percentage of 'certain' outdoor individuals	%NOA =	20

Number of 'certain' and probable outdoor taxa	SOB =	20
Percentage of 'certain' and probable outdoor taxa	%SOB =	41
Number of 'certain' and probable outdoor individuals	NOB =	23
Percentage 'certain' and probable outdoor individuals	%NOB =	24
Index of diversity of outdoor component	alpha OB =	70
Standard error	SE alpha OB =	41
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 =	4
Percentage of damp ground/waterside taxa	%SD =	8
Number of damp ground/waterside individuals	ND =	5
Percentage of damp ground/waterside individuals	%ND =	5
Number of strongly plant-associated taxa	SP =	10
Percentage of strongly plant-associated taxa	%SP =	20
Number of strongly plant-associated individuals	NP =	11
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 =	0
Number of wood-associated individuals	NL =	0
Percentage of wood-associated individuals	%NL =	0
Number of decomposer taxa	SRT =	16
Percentage of decomposer taxa	%SRT =	33
Number of decomposer individuals	NRT =	55
Percentage of decomposer individuals	%NRT =	59
Number of 'dry' decomposer taxa	SRD =	3
Percentage of 'dry'decomposer taxa	%SRD =	6
Number of 'dry' decomposer individuals	NRD =	4
Percentage of 'dry'decomposer individuals	%NRD =	4
Number of 'foul' decomposer taxa	SRF =	1
Percentage of 'foul' decomposer taxa	%SRF =	2
Number of 'foul' decomposer individuals	NRF =	2
Percentage of 'foul' decomposer individuals	%NRF =	2
Index of diversity of decomposer component	alpha RT =	8
Standard error	SE alpha RT =	2
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 =	14
Percentage of uncoded individuals	PNU =	19

Site: AOC138 Context: 207 Sample: 207/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Carpelimus bilineatus Stephens	20	21	1	rt
Monotoma picipes Herbst	11	12	2	rt
Acrotrichis sp.	3	3	3	rt
Oxytelus sculptus Gravenhorst	3	3	3	rt
Xantholinus gallicus or linearis	3	3	3	rt

Cercyon analis (Paykull)	2	2	6	rt
Megasternum obscurum (Marsham)	2	2	6	rt
Stenus sp. B	2	2	6	u
Ochthephilum fracticorne (Paykull)	2	2	6	oa d
Philonthus sp.	2	2	6	u
Philonthus or Gabrius sp.	2	2	6	u
Aleocharinae sp. A	2	2	6	u
Aphodius prodromus (Brahm)	2	2	6	ob rf
Atomaria sp. A	2	2	6	rd
Altica sp.	2	2	6	oa p
Stygnocoris sp.	1	1	16	oa
Conomelus anceps (Germar)	1	1	16	oa p
Auchenorhyncha sp.	1	1	16	oa p
Bembidion sp.	1	1	16	oa
Amara sp.	1	1	16	oa
Helophorus sp.	1	1	16	oa w
Histerinae sp.	1	1	16	u
Micropeplus staphylinoides (Marsham)	1	1	16	rt
Olophrum sp.	1	1	16	oa
Carpelimus sp.	1	1	16	u
Anotylus nitidulus (Gravenhorst)	1	1	16	rt d
Stenus sp. A	1	1	16	u
Stenus sp. C	1	1	16	u
Lathrobium sp. A	1	1	16	u
Lathrobium sp. B	1	1	16	u
Othius sp.	1	1	16	rt
Staphylinus sp.	1	1	16	u
Aleochara sp.	1	1	16	u
Aleocharinae sp. B	1	1	16	u
Pselaphidae sp.	1	1	16	u
Cyphon sp.	1	1	16	oa d
Elateridae sp. A	1	1	16	ob
Elateridae sp. B	1	1	16	ob
Atomaria sp. B	1	1	16	rd
Lathridius minutus group	1	1	16	rd
Enicmus sp.	1	1	16	rt
Corticarina or Cortinicara sp.	1	1	16	rt
Galerucella sp.	1	1	16	oa p
Phyllotreta sp.	1	1	16	oa p
Halticinae sp.	1	1	16	oa p
Apion sp.	1	1	16	oa p
Sitona sp.	1	1	16	oa p
Notaris acridulus (Linnaeus)	1	1	16	oa d p
Miarus sp.	1	1	16	oa p

Site: AOC138 Context: 213 Sample: 213/1 - beetle/bug main statistics

Erosion = 0 Fragmentation = 0; Weight = 0.000kg

Number of individuals estimated as	N = 50
Number of taxa	S = 24
Index of diversity (alpha)	alpha = 18
Standard error of alpha	SE alpha = 4

```
Number of 'certain' outdoor taxa                          SOA =     8
Percentage of 'certain' outdoor taxa                     %SOA =    33
Number of 'certain' outdoor individuals                   NOA =     9
Percentage of 'certain' outdoor individuals              %NOA =    18
Number of 'certain' and probable outdoor taxa             SOB =     9
Percentage of 'certain' and probable outdoor taxa        %SOB =    38
Number of 'certain' and probable outdoor individuals      NOB =    10
Percentage 'certain' and probable outdoor individuals    %NOB =    20
Diversity index for OB not calculated, NOB = SOB or NOB < 20
Number of aquatic taxa                                    SW =     3
Percentage of aquatic taxa                               %SW =    13
Number of aquatic individuals                             NW =     3
Percentage of aquatic individuals                        %NW =     6
Number of damp ground/waterside taxa                      SD =     1
Percentage of damp ground/waterside taxa                 %SD =     4
Number of damp ground/waterside individuals               ND =     1
Percentage of damp ground/waterside individuals          %ND =     2
Number of strongly plant-associated taxa                  SP =     4
Percentage of strongly plant-associated taxa             %SP =    17
Number of strongly plant-associated individuals           NP =     5
Percentage of strongly plant-associated individuals      %NP =    10
Number of heathland/moorland taxa                         SM =     1
Number of heathland/moorland individuals                  NM =     2
Percentage of heathland/moorland individuals             %NM =     4
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 =     6
Percentage of decomposer taxa                            %SRT =    25
Number of decomposer individuals                          NRT =    30
Percentage of decomposer individuals                     %NRT =    60
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 =     0
Percentage of 'foul' decomposer taxa                     %SRF =     0
Number of 'foul' decomposer individuals                   NRF =     0
Percentage of 'foul' decomposer individuals              %NRF =     0
Index of diversity of decomposer component          alpha RT =     2
Standard error                                   SE alpha RT =     1
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 =     9
Percentage of uncoded individuals                        PNU =    20
```

Site: AOC138 Context: 213 Sample: 213/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Oxytelus sculptus Gravenhorst	9	18	1	rt

Carpelimus bilineatus Stephens	8	16	2	rt
Xantholinus gallicus or linearis	6	12	3	rt
Cercyon analis (Paykull)	5	10	4	rt
Philonthus sp. B	2	4	5	u
Micrelus ericae (Gyllenhal)	2	4	5	oa p m
Pterostichus ?strenuus (Panzer)	1	2	7	oa
Hydroporinae sp.	1	2	7	oa w
Helophorus sp.	1	2	7	oa w
Megasternum obscurum (Marsham)	1	2	7	rt
Limnebius sp.	1	2	7	oa w
Silpha atrata Linnaeus	1	2	7	u
Othius punctulatus (Goeze)	1	2	7	rt
Philonthus sp. A	1	2	7	u
Staphylininae sp. A	1	2	7	u
Staphylininae sp. B	1	2	7	u
Mycetoporus sp.	1	2	7	u
Aleocharinae sp. A	1	2	7	u
Aleocharinae sp. B	1	2	7	u
Aleocharinae sp. C	1	2	7	u
Ctenicera cuprea (Fabricius)	1	2	7	oa p
Elateridae sp.	1	2	7	ob
?Kateretes sp.	1	2	7	oa p d
Hydrothassa marginella (Linnaeus)	1	2	7	oa p

Site: AOC138 Context: 215 Sample: 215/1 - beetle/bug main statistics

Erosion = 0 Fragmentation = 0; Weight = 0.000kg

Number of individuals estimated as	N =	46
Number of taxa	S =	13
Index of diversity (alpha)	alpha =	6
Standard error of alpha	SE alpha =	1
Number of 'certain' outdoor taxa	SOA =	1
Percentage of 'certain' outdoor taxa	%SOA =	8
Number of 'certain' outdoor individuals	NOA =	1
Percentage of 'certain' outdoor individuals	%NOA =	2
Number of 'certain' and probable outdoor taxa	SOB =	3
Percentage of 'certain' and probable outdoor taxa	%SOB =	23
Number of 'certain' and probable outdoor individuals	NOB =	3
Percentage 'certain' and probable outdoor individuals	%NOB =	7
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 =	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 =	8
Number of strongly plant-associated individuals	NP =	1
Percentage of strongly plant-associated individuals	%NP =	2

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 =	8
Percentage of decomposer taxa	%SRT =	62
Number of decomposer individuals	NRT =	39
Percentage of decomposer individuals	%NRT =	85
Number of 'dry' decomposer taxa	SRD =	1
Percentage of 'dry'decomposer taxa	%SRD =	8
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 =	15
Number of 'foul' decomposer individuals	NRF =	2
Percentage of 'foul' decomposer individuals	%NRF =	4
Index of diversity of decomposer component	alpha RT =	3
Standard error	SE alpha RT =	1
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 =	4
Percentage of uncoded individuals	PNU =	13

Site: AOC138 Context: 215 Sample: 215/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Oxytelus sculptus Gravenhorst	13	28	1	rt
Carpelimus bilineatus Stephens	9	20	2	rt
Monotoma picipes Herbst	8	17	3	rt
Cercyon analis (Paykull)	5	11	4	rt
Stenus sp.	2	4	5	u
Staphylininae sp.	2	4	5	u
Xylodromus concinnus (Marsham)	1	2	7	rt
Philonthus sp.	1	2	7	u
Aleocharinae sp.	1	2	7	u
Aphodius sp. A	1	2	7	ob rf
Aphodius sp. B	1	2	7	ob rf
Atomaria sp.	1	2	7	rd
Altica sp.	1	2	7	oa p

Site: AOC138 Context: 223 Sample: 223/1 - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	28
Number of taxa	S =	13
Index of diversity (alpha)	alpha =	10
Standard error of alpha	SE alpha =	3

```
Number of 'certain' outdoor taxa                          SOA =     3
Percentage of 'certain' outdoor taxa                     %SOA =    23
Number of 'certain' outdoor individuals                   NOA =     3
Percentage of 'certain' outdoor individuals              %NOA =    11
Number of 'certain' and probable outdoor taxa             SOB =     3
Percentage of 'certain' and probable outdoor taxa        %SOB =    23
Number of 'certain' and probable outdoor individuals      NOB =     3
Percentage 'certain' and probable outdoor individuals    %NOB =    11
Diversity index for OB not calculated, NOB = SOB or NOB < 20
Number of aquatic taxa                                    SW =     2
Percentage of aquatic taxa                               %SW =    15
Number of aquatic individuals                             NW =     2
Percentage of aquatic individuals                        %NW =     7
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 =     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 =     5
Percentage of decomposer taxa                            %SRT =    38
Number of decomposer individuals                          NRT =    20
Percentage of decomposer individuals                     %NRT =    71
Number of 'dry' decomposer taxa                           SRD =     1
Percentage of 'dry'decomposer taxa                       %SRD =     8
Number of 'dry' decomposer individuals                    NRD =     2
Percentage of 'dry'decomposer individuals                %NRD =     7
Number of 'foul' decomposer taxa                          SRF =     0
Percentage of 'foul' decomposer taxa                     %SRF =     0
Number of 'foul' decomposer individuals                   NRF =     0
Percentage of 'foul' decomposer individuals              %NRF =     0
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 =     5
Percentage of uncoded individuals                        PNU =    18
```

Site: AOC138 Context: 223 Sample: 223/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Oxytelus sculptus Gravenhorst	8	29	1	rt
Cercyon analis (Paykull)	4	14	2	rt
Monotoma picipes Herbst	4	14	2	rt

Carpelimus ?bilineatus Stephens	2	7	4	rt
Atomaria sp.	2	7	4	rd
Trechus obtusus or quadristriatus	1	4	6	oa
Helophorus sp.	1	4	6	oa w
Hydrophilinae sp.	1	4	6	oa w
Lathrobium sp.	1	4	6	u
Philonthus sp.	1	4	6	u
Tachinus ?signatus Gravenhorst	1	4	6	u
Aleocharinae sp.	1	4	6	u
Aleocharinae sp. A	1	4	6	u

Site: AOC 138 Context: 224 Sample: 224/1 - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	39
Number of taxa	S =	24
Index of diversity (alpha)	alpha =	27
Standard error of alpha	SE alpha =	8
Number of 'certain' outdoor taxa	SOA =	3
Percentage of 'certain' outdoor taxa	%SOA =	13
Number of 'certain' outdoor individuals	NOA =	4
Percentage of 'certain' outdoor individuals	%NOA =	10
Number of 'certain' and probable outdoor taxa	SOB =	4
Percentage of 'certain' and probable outdoor taxa	%SOB =	17
Number of 'certain' and probable outdoor individuals	NOB =	5
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 =	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 =	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 =	12
Percentage of decomposer taxa	%SRT =	50
Number of decomposer individuals	NRT =	23
Percentage of decomposer individuals	%NRT =	59
Number of 'dry' decomposer taxa	SRD =	2
Percentage of 'dry'decomposer taxa	%SRD =	8
Number of 'dry' decomposer individuals	NRD =	2

Percentage of 'dry'decomposer individuals	%NRD =	5
Number of 'foul' decomposer taxa	SRF =	2
Percentage of 'foul' decomposer taxa	%SRF =	8
Number of 'foul' decomposer individuals	NRF =	2
Percentage of 'foul' decomposer individuals	%NRF =	5
Index of diversity of decomposer component	alpha RT =	10
Standard error	SE alpha RT =	4
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 =	33

Site: AOC 138 Context: 224 Sample: 224/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Carpelimus bilineatus Stephens	5	13	1	rt
Cercyon analis (Paykull)	3	8	2	rt
Oxytelus sculptus Gravenhorst	3	8	2	rt
Staphylininae sp.	3	8	2	u
Monotoma picipes Herbst	3	8	2	rt
Agonum (Europhilus) sp.	2	5	6	oa
Stenus sp. B	2	5	6	u
Xantholinus gallicus or linearis	2	5	6	rt
Helophorus sp.	1	3	9	oa w
Megasternum obscurum (Marsham)	1	3	9	rt
Acrotrichis sp.	1	3	9	rt
Agathidium sp.	1	3	9	u
Stenus sp. A	1	3	9	u
Stenus sp. C	1	3	9	u
Lathrobium sp.	1	3	9	u
Philonthus sp. A	1	3	9	u
Philonthus sp. B	1	3	9	u
Philonthus or Gabrius sp.	1	3	9	u
Aleocharinae sp. A	1	3	9	u
Geotrupes sp.	1	3	9	oa rf
Aphodius sp.	1	3	9	ob rf
Atomaria sp.	1	3	9	rd
Lathridius minutus group	1	3	9	rd
Corticarina or Cortinicara sp.	1	3	9	rt

Site: AOC138 Context: 226 Sample: 226/1 - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	23
Number of taxa	S =	19
Index of diversity (alpha)	alpha =	50
Standard error of alpha	SE alpha =	26

```
Number of 'certain' outdoor taxa                          SOA =     5
Percentage of 'certain' outdoor taxa                     %SOA =    26
Number of 'certain' outdoor individuals                   NOA =     5
Percentage of 'certain' outdoor individuals              %NOA =    22
Number of 'certain' and probable outdoor taxa             SOB =     6
Percentage of 'certain' and probable outdoor taxa        %SOB =    32
Number of 'certain' and probable outdoor individuals      NOB =     7
Percentage 'certain' and probable outdoor individuals    %NOB =    30
Diversity index for OB not calculated, NOB = SOB or NOB < 20
Number of aquatic taxa                                     SW =     1
Percentage of aquatic taxa                                %SW =     5
Number of aquatic individuals                              NW =     1
Percentage of aquatic individuals                         %NW =     4
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 =     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 =    10
Percentage of decomposer taxa                            %SRT =    53
Number of decomposer individuals                          NRT =    13
Percentage of decomposer individuals                     %NRT =    57
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 =     3
Percentage of 'foul' decomposer taxa                     %SRF =    16
Number of 'foul' decomposer individuals                   NRF =     4
Percentage of 'foul' decomposer individuals              %NRF =    17
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 =     6
Percentage of uncoded individuals                         PNU =    30
```

Site: AOC138 Context: 226 Sample: 226/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes

Cercyon analis (Paykull)	2	9	1	rt
Megasternum obscurum (Marsham)	2	9	1	rt
Aleocharinae sp. A	2	9	1	u
Aphodius sp.	2	9	1	ob rf
Agonum sp.	1	4	5	oa
Micropeplus staphylinoides (Marsham)	1	4	5	rt
Megarthrus sp.	1	4	5	rt
Carpelimus ?bilineatus Stephens	1	4	5	rt
Anotylus rugosus (Fabricius)	1	4	5	rt
Stenus sp.	1	4	5	u
Lathrobium sp. A	1	4	5	u
Lathrobium sp. B	1	4	5	u
Quedius sp.	1	4	5	u
Aleocharinae sp. B	1	4	5	u
Geotrupes sp.	1	4	5	oa rf
Aphodius ?ater (Degeer)	1	4	5	oa rf
Oulimnius sp.	1	4	5	oa w
Enicmus sp.	1	4	5	rt
Curculionidae sp.	1	4	5	oa

Site: AOC138 Context: 227 Sample: 227/1 - beetle/bug main statistics

Erosion = 2 Fragmentation = 2; Weight = 0.000kg

Number of individuals estimated as	N =	221
Number of taxa	S =	44
Index of diversity (alpha)	alpha =	17
Standard error of alpha	SE alpha =	2
Number of 'certain' outdoor taxa	SOA =	14
Percentage of 'certain' outdoor taxa	%SOA =	32
Number of 'certain' outdoor individuals	NOA =	24
Percentage of 'certain' outdoor individuals	%NOA =	11
Number of 'certain' and probable outdoor taxa	SOB =	17
Percentage of 'certain' and probable outdoor taxa	%SOB =	39
Number of 'certain' and probable outdoor individuals	NOB =	27
Percentage 'certain' and probable outdoor individuals	%NOB =	12
Index of diversity of outdoor component	alpha OB =	20
Standard error	SE alpha OB =	7
Number of aquatic taxa	SW =	3
Percentage of aquatic taxa	%SW =	7
Number of aquatic individuals	NW =	3
Percentage of aquatic individuals	%NW =	1
Number of damp ground/waterside taxa	SD =	4
Percentage of damp ground/waterside taxa	%SD =	9
Number of damp ground/waterside individuals	ND =	5
Percentage of damp ground/waterside individuals	%ND =	2
Number of strongly plant-associated taxa	SP =	8
Percentage of strongly plant-associated taxa	%SP =	18
Number of strongly plant-associated individuals	NP =	17
Percentage of strongly plant-associated individuals	%NP =	8
Number of heathland/moorland taxa	SM =	1
Number of heathland/moorland individuals	NM =	1
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 =	0
Number of decomposer taxa	SRT =	15
Percentage of decomposer taxa	%SRT =	34
Number of decomposer individuals	NRT =	174
Percentage of decomposer individuals	%NRT =	79
Number of 'dry' decomposer taxa	SRD =	4
Percentage of 'dry'decomposer taxa	%SRD =	9
Number of 'dry' decomposer individuals	NRD =	7
Percentage of 'dry'decomposer individuals	%NRD =	3
Number of 'foul' decomposer taxa	SRF =	1
Percentage of 'foul' decomposer taxa	%SRF =	2
Number of 'foul' decomposer individuals	NRF =	1
Percentage of 'foul' decomposer individuals	%NRF =	0
Index of diversity of decomposer component	alpha RT =	4
Standard error	SE alpha RT =	1
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 =	12
Percentage of uncoded individuals	PNU =	9

Site: AOC138 Context: 227 Sample: 227/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Oxytelus sculptus Gravenhorst	65	29	1	rt
Carpelimus bilineatus Stephens	51	23	2	rt
Cercyon analis (Paykull)	31	14	3	rt
Monotoma picipes Herbst	11	5	4	rt
Conomelus anceps (Germar)	10	5	5	oa p
Philonthus sp. A	4	2	6	u
Philonthus sp. B	4	2	6	u
Atomaria sp. A	4	2	6	rd
Enicmus sp.	3	1	9	rt
Stenus sp. A	2	1	10	u
Aleocharinae sp. A	2	1	10	u
Cyphon sp.	2	1	10	oa d
Corixidae sp.	1	0	13	oa w
Cicadella viridis (Linnaeus)	1	0	13	oa p
Auchenorhyncha sp.	1	0	13	oa p
Megasternum obscurum (Marsham)	1	0	13	rt
Histerinae sp.	1	0	13	u
Ochthebius sp.	1	0	13	oa w
Hydraena britteni or rufipes	1	0	13	oa w
Acrotrichis sp.	1	0	13	rt
Micropeplus fulvus Erichson	1	0	13	rt
Eusphalerum minutum (Fabricius)	1	0	13	oa d
Stenus sp. B	1	0	13	u
Lathrobium sp.	1	0	13	u
Leptacinus sp.	1	0	13	rt
Xantholinus linearis group (Olivier)	1	0	13	rt

Erichsonius cinerascens (Gravenhorst)	1	0	13	oa d
Philonthus or Gabrius sp.	1	0	13	u
Aleocharinae sp. B	1	0	13	u
Aleocharinae sp. C	1	0	13	u
Aleocharinae sp. D	1	0	13	u
Aleocharinae sp. E	1	0	13	u
Aphodius ?prodromus (Brahm)	1	0	13	ob rf
Ctenicera cuprea (Fabricius)	1	0	13	oa p
Elateridae sp. A	1	0	13	ob
Rhagonycha femoralis or testacea	1	0	13	ob
Cryptophagus sp.	1	0	13	rd
Atomaria sp. B	1	0	13	rd
Lathridius minutus group	1	0	13	rd
Gracilia minuta (Fabricius)	1	0	13	l
?Chrysomelinae sp.	1	0	13	oa p
Longitarsus sp.	1	0	13	oa p
Notaris acridulus (Linnaeus)	1	0	13	oa d p
Micrelus ericae (Gyllenhal)	1	0	13	oa p m

Site: AOC138 Context: 233 Sample: 233/1 - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	177
Number of taxa	S =	105
Index of diversity (alpha)	alpha =	108
Standard error of alpha	SE alpha =	15
Number of 'certain' outdoor taxa	SOA =	59
Percentage of 'certain' outdoor taxa	%SOA =	56
Number of 'certain' outdoor individuals	NOA =	107
Percentage of 'certain' outdoor individuals	%NOA =	60
Number of 'certain' and probable outdoor taxa	SOB =	61
Percentage of 'certain' and probable outdoor taxa	%SOB =	58
Number of 'certain' and probable outdoor individuals	NOB =	109
Percentage 'certain' and probable outdoor individuals	%NOB =	62
Index of diversity of outdoor component	alpha OB =	57
Standard error	SE alpha OB =	10
Number of aquatic taxa	SW =	24
Percentage of aquatic taxa	%SW =	23
Number of aquatic individuals	NW =	64
Percentage of aquatic individuals	%NW =	36
Number of damp ground/waterside taxa	SD =	13
Percentage of damp ground/waterside taxa	%SD =	12
Number of damp ground/waterside individuals	ND =	18
Percentage of damp ground/waterside individuals	%ND =	10
Number of strongly plant-associated taxa	SP =	18
Percentage of strongly plant-associated taxa	%SP =	17
Number of strongly plant-associated individuals	NP =	23
Percentage of strongly plant-associated individuals	%NP =	13
Number of heathland/moorland taxa	SM =	2
Number of heathland/moorland individuals	NM =	2
Percentage of heathland/moorland individuals	%NM =	1
Number of wood-associated taxa	SL =	2
Number of wood-associated individuals	NL =	2
Percentage of wood-associated individuals	%NL =	1

Number of decomposer taxa	SRT =	19
Percentage of decomposer taxa	%SRT =	18
Number of decomposer individuals	NRT =	35
Percentage of decomposer individuals	%NRT =	20
Number of 'dry' decomposer taxa	SRD =	4
Percentage of 'dry'decomposer taxa	%SRD =	4
Number of 'dry' decomposer individuals	NRD =	6
Percentage of 'dry'decomposer individuals	%NRD =	3
Number of 'foul' decomposer taxa	SRF =	2
Percentage of 'foul' decomposer taxa	%SRF =	2
Number of 'foul' decomposer individuals	NRF =	2
Percentage of 'foul' decomposer individuals	%NRF =	1
Index of diversity of decomposer component	alpha RT =	17
Standard error	SE alpha RT =	5
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 =	24
Percentage of uncoded individuals	PNU =	18

Site: AOC138 Context: 233 Sample: 233/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Oulimnius sp.	18	10	1	oa w
Hydraena britteni or rufipes	9	5	2	oa w
Monotoma picipes Herbst	9	5	2	rt
Stenus sp. C	6	3	4	u
Hydroporus sp. A	4	2	5	oa w
Anacaena ?globulus (Paykull)	4	2	5	oa w
Limnebius sp.	4	2	5	oa w
Conomelus anceps (Germar)	3	2	8	oa p
Pterostichus diligens (Sturm)	3	2	8	oa d
Helophorus sp. C	3	2	8	oa w
Micropeplus staphylinoides (Marsham)	3	2	8	rt
Lathrobium sp. B	3	2	8	u
Enicmus sp.	3	2	8	rt
Microvelia reticulata (Burmeister)	2	1	14	oa w
Gerris sp.	2	1	14	oa w
Corixidae sp. A	2	1	14	oa w
Auchenorhyncha sp. A	2	1	14	oa p
Cercyon analis (Paykull)	2	1	14	rt
Xantholinus longiventris Heer	2	1	14	rt
Erichsonius cinerascens (Gravenhorst)	2	1	14	oa d
Aleocharinae sp. C	2	1	14	u
Atomaria sp.	2	1	14	rd
Lathridius minutus group	2	1	14	rd
Donacia sp.	2	1	14	oa w p
Plateumaris discolor or sericea	2	1	14	oa d
Limnobaris pilistriata (Stephens)	2	1	14	oa p d
Stygnocoris ?pedestris (Fallen)	1	1	27	oa p
Drymus ?brunneus (Sahlberg)	1	1	27	oa p
Temnostethus ?gracilis (Horvath)	1	1	27	oa

Saldidae sp.	1	1	27	oa d
Corixidae sp. B	1	1	27	oa w
Auchenorhyncha sp. B	1	1	27	oa p
Auchenorhyncha sp. C	1	1	27	oa p
Psylloidea sp.	1	1	27	oa p
Notiophilus sp.	1	1	27	oa
Pterostichus nigrita (Paykull)	1	1	27	oa d
Agonum (Europhilus) sp.	1	1	27	oa
Bradycellus ruficollis (Stephens)	1	1	27	oa m
Haliplus confinis or obliquus	1	1	27	oa w
Hydroporus sp. B	1	1	27	oa w
Graptodytes pictus (Fabricius)	1	1	27	oa w
?Deronectes latus (Stephens)	1	1	27	oa w
Potamonectes depressus (Fabricius)	1	1	27	oa w
Gyrinus sp.	1	1	27	oa w
Hygrotus ?inaequalis (Fabricius)	1	1	27	oa w
Helophorus sp. A	1	1	27	oa w
Helophorus sp. B	1	1	27	oa w
Coelostoma orbiculare (Fabricius)	1	1	27	oa w
Cercyon littoralis (Gyllenhal)	1	1	27	rf
Megasternum obscurum (Marsham)	1	1	27	rt
Hydrobius fuscipes (Linnaeus)	1	1	27	oa w
Ochthebius sp.	1	1	27	oa w
Acrotrichis sp. A	1	1	27	rt
Acrotrichis sp. B	1	1	27	rt
?Leiodidae sp.	1	1	27	u
Catops sp.	1	1	27	u
Oiceoptoma thoracicum (Linnaeus)	1	1	27	rt
Scydmaenidae sp.	1	1	27	u
Olophrum sp.	1	1	27	oa
Lesteva heeri Fauvel	1	1	27	oa d
Lesteva sp.	1	1	27	oa d
Eusphalerum minutum (Fabricius)	1	1	27	oa d
Anotylus sculpturatus group	1	1	27	rt
Stenus sp. A	1	1	27	u
Stenus sp. B	1	1	27	u
?Euaesthetus sp.	1	1	27	oa
Lathrobium sp. A	1	1	27	u
Othius sp.	1	1	27	rt
Atrechus affinis (Paykull)	1	1	27	l
Gyrohypnus sp.	1	1	27	rt
Philonthus or Gabrius sp.	1	1	27	u
Staphylininae sp.	1	1	27	u
Tachyporus ?nitidulus (Fabricius)	1	1	27	u
Tachyporus sp.	1	1	27	u
Tachinus laticollis or marginellus	1	1	27	u
Tachinus ?signatus Gravenhorst	1	1	27	u
Falagria or Cordalia sp.	1	1	27	rt
Aleochara sp. A	1	1	27	u
Aleochara sp. B	1	1	27	u
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
Aphodius sp.	1	1	27	ob rf
Dascillus cervinus (Linnaeus)	1	1	27	oa p
?Cyphon sp.	1	1	27	oa d
Dryops sp. A	1	1	27	oa d
Dryops sp. B	1	1	27	oa d
Elateridae sp.	1	1	27	ob
Cantharis ?figurata Mannerheim	1	1	27	oa
Meligethes sp.	1	1	27	oa p
Rhizophagus cribratus Gyllenhal	1	1	27	u
Cryptophagus sp. A	1	1	27	rd
Cryptophagus sp. B	1	1	27	rd
?Cisidae sp.	1	1	27	l
Donacia marginata Hoppe	1	1	27	oa d
Longitarsus sp.	1	1	27	oa p
Apion sp.	1	1	27	oa p
Hydronomus alismatis (Marsham)	1	1	27	oa w p
Dorytomus sp.	1	1	27	oa p
Micrelus ericae (Gyllenhal)	1	1	27	oa p m
?Rhynchaenus sp.	1	1	27	oa p
Rhamphus pulicarius (Herbst)	1	1	27	oa p
Coleoptera sp.	1	1	27	u

Site: AOC138 Context: 234 Sample: 234/1 - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	131
Number of taxa	S =	81
Index of diversity (alpha)	alpha =	90
Standard error of alpha	SE alpha =	15
Number of 'certain' outdoor taxa	SOA =	49
Percentage of 'certain' outdoor taxa	%SOA =	60
Number of 'certain' outdoor individuals	NOA =	91
Percentage of 'certain' outdoor individuals	%NOA =	69
Number of 'certain' and probable outdoor taxa	SOB =	52
Percentage of 'certain' and probable outdoor taxa	%SOB =	64
Number of 'certain' and probable outdoor individuals	NOB =	94
Percentage 'certain' and probable outdoor individuals	%NOB =	72
Index of diversity of outdoor component	alpha OB =	48
Standard error	SE alpha OB =	9
Number of aquatic taxa	SW =	22
Percentage of aquatic taxa	%SW =	27
Number of aquatic individuals	NW =	58
Percentage of aquatic individuals	%NW =	44
Number of damp ground/waterside taxa	SD =	8
Percentage of damp ground/waterside taxa	%SD =	10
Number of damp ground/waterside individuals	ND =	13
Percentage of damp ground/waterside individuals	%ND =	10
Number of strongly plant-associated taxa	SP =	15
Percentage of strongly plant-associated taxa	%SP =	19
Number of strongly plant-associated individuals	NP =	18
Percentage of strongly plant-associated individuals	%NP =	14

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 =	11
Percentage of decomposer taxa	%SRT =	14
Number of decomposer individuals	NRT =	11
Percentage of decomposer individuals	%NRT =	8
Number of 'dry' decomposer taxa	SRD =	1
Percentage of 'dry'decomposer taxa	%SRD =	1
Number of 'dry' decomposer individuals	NRD =	1
Percentage of 'dry'decomposer individuals	%NRD =	1
Number of 'foul' decomposer taxa	SRF =	3
Percentage of 'foul' decomposer taxa	%SRF =	4
Number of 'foul' decomposer individuals	NRF =	3
Percentage of 'foul' decomposer individuals	%NRF =	2

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 =	20
Percentage of uncoded individuals	PNU =	21

Site: AOC138 Context: 234 Sample: 234/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Oulimnius sp.	21	16	1	oa w
Anacaena sp.	5	4	2	oa w
Hydraena sp.	5	4	2	oa w
Hydroporinae sp. C	4	3	4	oa w
Lesteva ?heeri Fauvel	4	3	4	oa d
Stenus sp. D	4	3	4	u
Quedius sp. B	3	2	7	u
Hydroporinae sp. B	2	2	8	oa w
Helophorus sp. A	2	2	8	oa w
Helophorus sp. B	2	2	8	oa w
Limnebius sp.	2	2	8	oa w
Stenus sp. B	2	2	8	u
Lathrobium sp. A	2	2	8	u
Erichsonius cinerascens (Gravenhorst)	2	2	8	oa d
Philonthus or Gabrius sp.	2	2	8	u
Donacia sp.	2	2	8	oa w p
Limnobaris pilistriata (Stephens)	2	2	8	oa p d
Rhamphus pulicarius (Herbst)	2	2	8	oa p
Anthocoris sp.	1	1	19	oa p
?Miridae sp.	1	1	19	oa p
Microvelia sp.	1	1	19	oa w
Gerris sp.	1	1	19	oa w
Corixidae sp.	1	1	19	oa w
Heteroptera sp.	1	1	19	u

Notiophilus sp.	1	1	19	oa
Bembidion (Philochthus) sp.	1	1	19	oa
Pterostichus ?nigrita (Paykull)	1	1	19	oa d
Pterostichus diligens or strenuus	1	1	19	oa
Agonum sp.	1	1	19	oa
Carabidae sp.	1	1	19	ob
Haliplus sp.	1	1	19	oa w
Hydroporinae sp. A	1	1	19	oa w
Colymbetinae sp. A	1	1	19	oa w
Colymbetinae sp. B	1	1	19	oa w
Gyrinus sp.	1	1	19	oa w
Coelostoma orbiculare (Fabricius)	1	1	19	oa w
Cercyon haemorrhoidalis (Fabricius)	1	1	19	rf
Megasternum obscurum (Marsham)	1	1	19	rt
Hydrobius fuscipes (Linnaeus)	1	1	19	oa w
Chaetarthria seminulum (Herbst)	1	1	19	oa w
Ochthebius sp.	1	1	19	oa w
Scydmaenidae sp.	1	1	19	u
Olophrum sp.	1	1	19	oa
?Dropephylla sp.	1	1	19	u
Stenus sp. A	1	1	19	u
Stenus sp. C	1	1	19	u
Stenus sp. E	1	1	19	u
Stenus sp. F	1	1	19	u
Stenus sp. G	1	1	19	u
Euaesthetus bipunctatus (Ljungh)	1	1	19	oa
Othius ?myrmecophilus Kiesenwetter	1	1	19	rt
Gyrohypnus sp.	1	1	19	rt
Philonthus sp.	1	1	19	u
Philonthus sp. A	1	1	19	u
Staphylinus sp.	1	1	19	u
Quedius sp. A	1	1	19	u
Tachyporus sp.	1	1	19	u
Aleocharinae sp.	1	1	19	u
Pselaphidae sp.	1	1	19	u
Aphodius sp. A	1	1	19	ob rf
Aphodius sp. B	1	1	19	ob rf
Dascillus cervinus (Linnaeus)	1	1	19	oa p
Cyphon sp.	1	1	19	oa d
Dryops sp.	1	1	19	oa d
Elmis aenea (Muller)	1	1	19	oa w
Kateretes ?rufilabris (Latreille)	1	1	19	oa p d
Monotoma sp.	1	1	19	rt
Atomaria sp.	1	1	19	rd
Enicmus sp.	1	1	19	rt
Corticaria sp.	1	1	19	rt
Corticarina or Cortinicara sp.	1	1	19	rt
Donacia versicolorea (Brahm)	1	1	19	oa d
Chrysomelinae sp.	1	1	19	oa p
Galerucella sp.	1	1	19	oa p
Longitarsus sp.	1	1	19	oa p
Apion sp. A	1	1	19	oa p
Apion sp. B	1	1	19	oa p
Phyllobius sp.	1	1	19	oa p

Ceutorhynchus sp.	1	1	19	oa p
Gymnetron sp.	1	1	19	oa p
Curculionidae sp.	1	1	19	oa

Site: AOC138 Context: 235 Sample: 235/1 - beetle/bug main statistics

Erosion = 2 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	202
Number of taxa	S =	101
Index of diversity (alpha)	alpha =	80
Standard error of alpha	SE alpha =	10
Number of 'certain' outdoor taxa	SOA =	50
Percentage of 'certain' outdoor taxa	%SOA =	50
Number of 'certain' outdoor individuals	NOA =	120
Percentage of 'certain' outdoor individuals	%NOA =	59
Number of 'certain' and probable outdoor taxa	SOB =	53
Percentage of 'certain' and probable outdoor taxa	%SOB =	52
Number of 'certain' and probable outdoor individuals	NOB =	124
Percentage 'certain' and probable outdoor individuals	%NOB =	61
Index of diversity of outdoor component	alpha OB =	35
Standard error	SE alpha OB =	5
Number of aquatic taxa	SW =	21
Percentage of aquatic taxa	%SW =	21
Number of aquatic individuals	NW =	73
Percentage of aquatic individuals	%NW =	36
Number of damp ground/waterside taxa	SD =	6
Percentage of damp ground/waterside taxa	%SD =	6
Number of damp ground/waterside individuals	ND =	16
Percentage of damp ground/waterside individuals	%ND =	8
Number of strongly plant-associated taxa	SP =	14
Percentage of strongly plant-associated taxa	%SP =	14
Number of strongly plant-associated individuals	NP =	15
Percentage of strongly plant-associated individuals	%NP =	7
Number of heathland/moorland taxa	SM =	1
Number of heathland/moorland individuals	NM =	2
Percentage of heathland/moorland individuals	%NM =	1
Number of wood-associated taxa	SL =	1
Number of wood-associated individuals	NL =	1
Percentage of wood-associated individuals	%NL =	0
Number of decomposer taxa	SRT =	19
Percentage of decomposer taxa	%SRT =	19
Number of decomposer individuals	NRT =	34
Percentage of decomposer individuals	%NRT =	17
Number of 'dry' decomposer taxa	SRD =	3
Percentage of 'dry'decomposer taxa	%SRD =	3
Number of 'dry' decomposer individuals	NRD =	3
Percentage of 'dry'decomposer individuals	%NRD =	1
Number of 'foul' decomposer taxa	SRF =	3
Percentage of 'foul' decomposer taxa	%SRF =	3
Number of 'foul' decomposer individuals	NRF =	4
Percentage of 'foul' decomposer individuals	%NRF =	2
Index of diversity of decomposer component	alpha RT =	18

Standard error	SE alpha RT =	6
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 =	30
Percentage of uncoded individuals	PNU =	23

Site: AOC138 Context: 235 Sample: 235/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Oulimnius sp.	16	8	1	oa w
Hydraena sp.	12	6	2	oa w
Helophorus sp. A	11	5	3	oa w
Lesteva heeri Fauvel	10	5	4	oa d
Anacaena sp.	7	3	5	oa w
Helophorus sp. B	6	3	6	oa w
Megasternum obscurum (Marsham)	6	3	6	rt
Stenus sp. C	5	2	8	u
Acrotrichis sp.	4	2	9	rt
Aleocharinae sp. C	4	2	9	u
Bembidion guttula or mannerheimi	3	1	11	oa
Pterostichus diligens or strenuus	3	1	11	oa
Othius ?myrmecophilus Kiesenwetter	3	1	11	rt
Philonthus sp. B	3	1	11	u
Aleocharinae sp. A	3	1	11	u
Trechus obtusus or quadristriatus	2	1	16	oa
Agonum sp.	2	1	16	oa
Hydroporinae sp. A	2	1	16	oa w
Hydroporinae sp. D	2	1	16	oa w
Gyrinus sp.	2	1	16	oa w
Coelostoma orbiculare (Fabricius)	2	1	16	oa w
Cercyon ?analis (Paykull)	2	1	16	rt
Limnebius sp.	2	1	16	oa w
Micropeplus fulvus Erichson	2	1	16	rt
Micropeplus staphylinoides (Marsham)	2	1	16	rt
Olophrum sp.	2	1	16	oa
Stenus sp. F	2	1	16	u
Stenus sp. G	2	1	16	u
Xantholinus gallicus or linearis	2	1	16	rt
Erichsonius cinerascens (Gravenhorst)	2	1	16	oa d
Philonthus or Gabrius sp.	2	1	16	u
Tachyporus sp.	2	1	16	u
Aleocharinae sp. D	2	1	16	u
Aphodius sp. A	2	1	16	ob rf
Micrelus ericae (Gyllenhal)	2	1	16	oa p m
Corixidae sp.	1	0	36	oa w
Conomelus anceps (Germar)	1	0	36	oa p
Notiophilus sp.	1	0	36	oa
Bembidion lampros or properans	1	0	36	oa
Bembidion sp.	1	0	36	oa
Pterostichus nigrita (Paykull)	1	0	36	oa d
Dromius (Philorhizus) sp.	1	0	36	oa

Hydroporinae sp. B	1	0	36	oa w
Hydroporinae sp. C	1	0	36	oa w
Colymbetes fuscus (Linnaeus)	1	0	36	oa w
Hydrobius fuscipes (Linnaeus)	1	0	36	oa w
Chaetarthria seminulum (Herbst)	1	0	36	oa w
Hydrophilinae sp. A	1	0	36	oa w
Hydrophilinae sp. B	1	0	36	oa w
Hydrophilinae sp. C	1	0	36	oa w
Ochthebius sp.	1	0	36	oa w
Ptenidium sp.	1	0	36	rt
?Leiodidae sp.	1	0	36	u
Catopinae sp.	1	0	36	u
Megarthrus sp.	1	0	36	rt
Metopsia retusa (Stephens)	1	0	36	u
Carpelimus ?bilineatus Stephens	1	0	36	rt
Platystethus arenarius (Fourcroy)	1	0	36	rf
Anotylus rugosus (Fabricius)	1	0	36	rt
Stenus sp. A	1	0	36	u
Stenus sp. B	1	0	36	u
Stenus sp. D	1	0	36	u
Stenus sp. E	1	0	36	u
Euaesthetus bipunctatus (Ljungh)	1	0	36	oa
Lathrobium sp. A	1	0	36	u
Lathrobium sp. B	1	0	36	u
Lathrobium sp. C	1	0	36	u
Ochthephilum fracticorne (Paykull)	1	0	36	oa d
Philonthus sp. A	1	0	36	u
Staphylinus sp.	1	0	36	u
Quedius sp. A	1	0	36	u
Quedius sp. B	1	0	36	u
Tachinus laticollis or marginellus	1	0	36	u
Tachinus sp.	1	0	36	u
Aleochara sp.	1	0	36	u
Aleocharinae sp. B	1	0	36	u
Aleocharinae sp. E	1	0	36	u
Aleocharinae sp. F	1	0	36	u
Pselaphidae sp.	1	0	36	u
Aphodius sp.	1	0	36	ob rf
Clambus sp.	1	0	36	rt
Cyphon sp.	1	0	36	oa d
Hypnoidus riparius (Fabricius)	1	0	36	oa p
Cantharidae sp.	1	0	36	ob
Kateretes ?rufilabris (Latreille)	1	0	36	oa p d
Atomaria sp. A	1	0	36	rd
Atomaria sp. B	1	0	36	rd
Orthoperus sp.	1	0	36	rt
Lathridius minutus group	1	0	36	rd
Donacia sp.	1	0	36	oa w p
Chrysolina ?staphylaea (Linnaeus)	1	0	36	oa p
Phaedon sp.	1	0	36	oa p
Chrysomelinae sp.	1	0	36	oa p
Phyllotreta sp.	1	0	36	oa p
Apion sp.	1	0	36	oa p
Sitona sp.	1	0	36	oa p

Hypera punctata (Fabricius)	1	0	36	oa p
Ceutorhynchus sp.	1	0	36	oa p
Mecinus pyraster (Herbst)	1	0	36	oa p
Curculionidae sp.	1	0	36	oa
Scolytidae sp.	1	0	36	l

Site: AOC138 Context: 308 Sample: 308/1 - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	47
Number of taxa	S =	40
Index of diversity (alpha)	alpha =	125
Standard error of alpha	SE alpha =	50
Number of 'certain' outdoor taxa	SOA =	14
Percentage of 'certain' outdoor taxa	%SOA =	35
Number of 'certain' outdoor individuals	NOA =	16
Percentage of 'certain' outdoor individuals	%NOA =	34
Number of 'certain' and probable outdoor taxa	SOB =	16
Percentage of 'certain' and probable outdoor taxa	%SOB =	40
Number of 'certain' and probable outdoor individuals	NOB =	19
Percentage 'certain' and probable outdoor individuals	%NOB =	40
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 individuals	%NW =	4
Number of damp ground/waterside taxa	SD =	5
Percentage of damp ground/waterside taxa	%SD =	13
Number of damp ground/waterside individuals	ND =	5
Percentage of damp ground/waterside individuals	%ND =	11
Number of strongly plant-associated taxa	SP =	9
Percentage of strongly plant-associated taxa	%SP =	23
Number of strongly plant-associated individuals	NP =	11
Percentage of strongly plant-associated individuals	%NP =	23
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 =	12
Percentage of decomposer taxa	%SRT =	30
Number of decomposer individuals	NRT =	15
Percentage of decomposer individuals	%NRT =	32
Number of 'dry' decomposer taxa	SRD =	4
Percentage of 'dry'decomposer taxa	%SRD =	10
Number of 'dry' decomposer individuals	NRD =	4
Percentage of 'dry'decomposer individuals	%NRD =	9
Number of 'foul' decomposer taxa	SRF =	1
Percentage of 'foul' decomposer taxa	%SRF =	3
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 =    13
Percentage of uncoded individuals                      PNU =    32
```

Site: AOC138 Context: 308 Sample: 308/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Conomelus anceps (Germar)	3	6	1	oa p
Megasternum obscurum (Marsham)	2	4	2	rt
Xylodromus concinnus (Marsham)	2	4	2	rt
Stenus sp. B	2	4	2	u
Staphylininae sp.	2	4	2	u
Aphodius ?prodromus (Brahm)	2	4	2	ob rf
Auchenorhyncha sp. A	1	2	7	oa p
Auchenorhyncha sp. B	1	2	7	oa p
Auchenorhyncha sp. C	1	2	7	oa p
Pterostichus sp.	1	2	7	ob
Agonum albipes (Fabricius)	1	2	7	oa d
Helophorus sp.	1	2	7	oa w
?Anacaena sp.	1	2	7	oa w
Ptenidium sp.	1	2	7	rt
Eusphalerum minutum (Fabricius)	1	2	7	oa d
Stenus sp. A	1	2	7	u
Stenus sp. C	1	2	7	u
Stenus sp. D	1	2	7	u
Gyrohypnus fracticornis (Muller)	1	2	7	rt
Xantholinus linearis group (Olivier)	1	2	7	rt
Tachinus sp.	1	2	7	u
?Cordalia obscura (Gravenhorst)	1	2	7	rt
Crataraea suturalis (Mannerheim)	1	2	7	rt
Aleocharinae sp. A	1	2	7	u
Aleocharinae 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
Pselaphidae sp.	1	2	7	u
Cyphon sp.	1	2	7	oa d
Hypnoidus riparius (Fabricius)	1	2	7	oa p
Kateretes ?pedicularis (Linnaeus)	1	2	7	oa p d
Cryptophagus sp.	1	2	7	rd
Atomaria sp. A	1	2	7	rd
Atomaria sp. B	1	2	7	rd
Lathridius minutus group	1	2	7	rd
Galerucella sp.	1	2	7	oa p
Chaetocnema sp.	1	2	7	oa p
Notaris acridulus (Linnaeus)	1	2	7	oa d p
Coleoptera sp.	1	2	7	u

Site: AOC138 Context: 309 Sample: 309/1 - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	36
Number of taxa	S =	27
Index of diversity (alpha)	alpha =	50
Standard error of alpha	SE alpha =	19
Number of 'certain' outdoor taxa	SOA =	4
Percentage of 'certain' outdoor taxa	%SOA =	15
Number of 'certain' outdoor individuals	NOA =	4
Percentage of 'certain' outdoor individuals	%NOA =	11
Number of 'certain' and probable outdoor taxa	SOB =	5
Percentage of 'certain' and probable outdoor taxa	%SOB =	19
Number of 'certain' and probable outdoor individuals	NOB =	5
Percentage 'certain' and probable outdoor individuals	%NOB =	14
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 =	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 =	2
Percentage of strongly plant-associated taxa	%SP =	7
Number of strongly plant-associated individuals	NP =	2
Percentage of strongly plant-associated individuals	%NP =	6
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 =	14
Percentage of decomposer taxa	%SRT =	52
Number of decomposer individuals	NRT =	22
Percentage of decomposer individuals	%NRT =	61
Number of 'dry' decomposer taxa	SRD =	7
Percentage of 'dry'decomposer taxa	%SRD =	26
Number of 'dry' decomposer individuals	NRD =	8
Percentage of 'dry'decomposer individuals	%NRD =	22
Number of 'foul' decomposer taxa	SRF =	0
Percentage of 'foul' decomposer taxa	%SRF =	0
Number of 'foul' decomposer individuals	NRF =	0
Percentage of 'foul' decomposer individuals	%NRF =	0
Index of diversity of decomposer component	alpha RT =	17
Standard error	SE alpha RT =	7
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 =	8
Percentage of uncoded individuals	PNU =	25

Site: AOC138 Context: 309 Sample: 309/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Xylodromus concinnus (Marsham)	4	11	1	rt
Cercyon analis (Paykull)	3	8	2	rt
Carpelimus ?bilineatus Stephens	2	6	3	rt
Leptacinus sp.	2	6	3	rt
Quedius sp.	2	6	3	u
Cryptophagus sp.	2	6	3	rd
Lyctocoris campestris (Fabricius)	1	3	7	rd
Auchenorhyncha sp.	1	3	7	oa p
Hydrophilinae sp.	1	3	7	oa w
Olophrum sp.	1	3	7	oa
Stenus sp.	1	3	7	u
Gyrohypnus ?angustatus Stephens	1	3	7	rt
Gyrohypnus fracticornis (Muller)	1	3	7	rt
Neobisnius sp.	1	3	7	u
Philonthus sp.	1	3	7	u
Philonthus or Gabrius sp.	1	3	7	u
Staphylinus sp.	1	3	7	u
Crataraea suturalis (Mannerheim)	1	3	7	rt
Aleocharinae sp. A	1	3	7	u
Aleocharinae sp. B	1	3	7	u
Elateridae sp.	1	3	7	ob
Atomaria sp. A	1	3	7	rd
Atomaria sp. B	1	3	7	rd
Atomaria sp. C	1	3	7	rd
Lathridius minutus group	1	3	7	rd
Dienerella sp.	1	3	7	rd
Phyllotreta nemorum group	1	3	7	oa p

Site: AOC138 Context: 310 Sample: 310/1 - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	86
Number of taxa	S =	51
Index of diversity (alpha)	alpha =	52
Standard error of alpha	SE alpha =	10
Number of 'certain' outdoor taxa	SOA =	16
Percentage of 'certain' outdoor taxa	%SOA =	31
Number of 'certain' outdoor individuals	NOA =	19
Percentage of 'certain' outdoor individuals	%NOA =	22
Number of 'certain' and probable outdoor taxa	SOB =	21
Percentage of 'certain' and probable outdoor taxa	%SOB =	41
Number of 'certain' and probable outdoor individuals	NOB =	30
Percentage 'certain' and probable outdoor individuals	%NOB =	35
Index of diversity of outdoor component	alpha OB =	32
Standard error	SE alpha OB =	12
Number of aquatic taxa	SW =	7

Percentage of aquatic taxa	%SW =	14
Number of aquatic individuals	NW =	7
Percentage of aquatic individuals	%NW =	8
Number of damp ground/waterside taxa	SD =	2
Percentage of damp ground/waterside taxa	%SD =	4
Number of damp ground/waterside individuals	ND =	2
Percentage of damp ground/waterside individuals	%ND =	2
Number of strongly plant-associated taxa	SP =	4
Percentage of strongly plant-associated taxa	%SP =	8
Number of strongly plant-associated individuals	NP =	4
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 =	0
Number of wood-associated individuals	NL =	0
Percentage of wood-associated individuals	%NL =	0
Number of decomposer taxa	SRT =	21
Percentage of decomposer taxa	%SRT =	41
Number of decomposer individuals	NRT =	48
Percentage of decomposer individuals	%NRT =	56
Number of 'dry' decomposer taxa	SRD =	2
Percentage of 'dry'decomposer taxa	%SRD =	4
Number of 'dry' decomposer individuals	NRD =	3
Percentage of 'dry'decomposer individuals	%NRD =	3
Number of 'foul' decomposer taxa	SRF =	3
Percentage of 'foul' decomposer taxa	%SRF =	6
Number of 'foul' decomposer individuals	NRF =	9
Percentage of 'foul' decomposer individuals	%NRF =	10
Index of diversity of decomposer component	alpha RT =	14
Standard error	SE alpha RT =	3
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 =	12
Percentage of uncoded individuals	PNU =	20

Site: AOC138 Context: 310 Sample: 310/1 - species list in rank order

NOTE: this list includes 'semi-quantitative' records, marked by
'*' in the first column of the comment following a record.

Taxon	Number	%	Rank	Ecodes
Cercyon analis (Paykull)*	6	7	1	rt
Carpelimus ?bilineatus Stephens*	6	7	1	rt
Anotylus rugosus (Fabricius)	5	6	3	rt
Olophrum sp.	4	5	4	oa
Aphodius ?prodromus (Brahm)	4	5	4	ob rf
Aphodius sp. A	4	5	4	ob rf
Othius ?myrmecophilus Kiesenwetter	3	3	7	rt
Cordalia obscura (Gravenhorst)	3	3	7	rt
Aleocharinae sp. B	3	3	7	u

Megasternum obscurum (Marsham)	2	2	10	rt
Xylodromus concinnus (Marsham)	2	2	10	rt
Neobisnius sp.	2	2	10	u
Philonthus sp.	2	2	10	u
Aleocharinae sp. C	2	2	10	u
Cryptophagus sp.	2	2	10	rd
Auchenorhyncha sp.	1	1	16	oa p
Bembidion guttula or mannerheimi	1	1	16	oa
Pterostichus sp.	1	1	16	ob
Carabidae sp.	1	1	16	ob
Hydroporinae sp.	1	1	16	oa w
Helophorus sp. A	1	1	16	oa w
Helophorus sp. B	1	1	16	oa w
Cercyon sp.	1	1	16	u
Chaetarthria seminulum (Herbst)	1	1	16	oa w
Hydraena sp.	1	1	16	oa w
Ptenidium sp.	1	1	16	rt
Acrotrichis sp.	1	1	16	rt
Micropeplus fulvus Erichson	1	1	16	rt
Eusphalerum minutum (Fabricius)	1	1	16	oa d
Aploderus caelatus (Gravenhorst)	1	1	16	rt
Stenus sp.	1	1	16	u
Lathrobium sp. A	1	1	16	u
Lathrobium sp. B	1	1	16	u
Rugilus sp.	1	1	16	rt
Gyrohypnus fracticornis (Muller)	1	1	16	rt
Xantholinus longiventris Heer	1	1	16	rt
Erichsonius cinerascens (Gravenhorst)	1	1	16	oa d
Quedius sp.	1	1	16	u
Aleocharinae sp. A	1	1	16	u
Aleocharinae sp. D	1	1	16	u
Pselaphidae sp.	1	1	16	u
Geotrupes sp.	1	1	16	oa rf
Oulimnius sp.	1	1	16	oa w
Hypnoidus riparius (Fabricius)	1	1	16	oa p
Elateridae sp.	1	1	16	ob
Lathridius minutus group	1	1	16	rd
Enicmus sp.	1	1	16	rt
Corticaria sp.	1	1	16	rt
Donaciinae sp.	1	1	16	oa w p
?Sitona sp.	1	1	16	oa p
Curculionidae sp.	1	1	16	oa

Site: AOC138 Context: 312 Sample: 312/1 - beetle/bug main statistics

Erosion = 0 Fragmentation = 0; Weight = 0.000kg

Number of individuals estimated as	N = 330
Number of taxa	S = 82
Index of diversity (alpha)	alpha = 35
Standard error of alpha	SE alpha = 3
Number of 'certain' outdoor taxa	SOA = 31
Percentage of 'certain' outdoor taxa	%SOA = 38
Number of 'certain' outdoor individuals	NOA = 41
Percentage of 'certain' outdoor individuals	%NOA = 12

Number of 'certain' and probable outdoor taxa	SOB =	35
Percentage of 'certain' and probable outdoor taxa	%SOB =	43
Number of 'certain' and probable outdoor individuals	NOB =	47
Percentage 'certain' and probable outdoor individuals	%NOB =	14
Index of diversity of outdoor component	alpha OB =	61
Standard error	SE alpha OB =	19
Number of aquatic taxa	SW =	1
Percentage of aquatic taxa	%SW =	1
Number of aquatic individuals	NW =	1
Percentage of aquatic individuals	%NW =	0
Number of damp ground/waterside taxa	SD =	5
Percentage of damp ground/waterside taxa	%SD =	6
Number of damp ground/waterside individuals	ND =	5
Percentage of damp ground/waterside individuals	%ND =	2
Number of strongly plant-associated taxa	SP =	20
Percentage of strongly plant-associated taxa	%SP =	24
Number of strongly plant-associated individuals	NP =	28
Percentage of strongly plant-associated individuals	%NP =	8
Number of heathland/moorland taxa	SM =	1
Number of heathland/moorland individuals	NM =	1
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 =	0
Number of decomposer taxa	SRT =	24
Percentage of decomposer taxa	%SRT =	29
Number of decomposer individuals	NRT =	206
Percentage of decomposer individuals	%NRT =	62
Number of 'dry' decomposer taxa	SRD =	6
Percentage of 'dry'decomposer taxa	%SRD =	7
Number of 'dry' decomposer individuals	NRD =	34
Percentage of 'dry'decomposer individuals	%NRD =	10
Number of 'foul' decomposer taxa	SRF =	3
Percentage of 'foul' decomposer taxa	%SRF =	4
Number of 'foul' decomposer individuals	NRF =	3
Percentage of 'foul' decomposer individuals	%NRF =	1
Index of diversity of decomposer component	alpha RT =	7
Standard error	SE alpha RT =	1
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 =	25
Percentage of uncoded individuals	PNU =	24

Site: AOC138 Context: 312 Sample: 312/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Carpelimus bilineatus Stephens	85	26	1	rt
Cercyon analis (Paykull)	26	8	2	rt
Cordalia obscura (Gravenhorst)	20	6	3	rt
Aleocharinae sp. C	20	6	3	u
Carpelimus pusillus group	17	5	5	u

Atomaria sp.	11	3	6	rd
Cryptophagus scutellatus Newman	10	3	7	rd
Cryptophagus sp. B	8	2	8	rd
Xylodromus concinnus (Marsham)	7	2	9	rt
Crataraea suturalis (Mannerheim)	7	2	9	rt
Conomelus anceps (Germar)	6	2	11	oa p
Acrotrichis sp.	6	2	11	rt
Neobisnius sp.	6	2	11	u
Xantholinus gallicus or linearis	5	2	14	rt
Aleocharinae sp. A	5	2	14	u
Philonthus ?politus (Linnaeus)	4	1	16	u
Aleocharinae sp. E	4	1	16	u
Pterostichus sp.	3	1	18	ob
Olophrum piceum (Gyllenhal)	3	1	18	oa
Anotylus rugosus (Fabricius)	3	1	18	rt
Gyrohypnus fracticornis (Muller)	3	1	18	rt
Galerucella sp.	3	1	18	oa p
Auchenorhyncha sp. C	2	1	23	oa p
Oxytelus sculptus Gravenhorst	2	1	23	rt
Lathrobium sp. C	2	1	23	u
Philonthus sp. B	2	1	23	u
Staphylininae sp.	2	1	23	u
Pselaphidae sp.	2	1	23	u
Cryptophagus sp. C	2	1	23	rd
Lathridius minutus group	2	1	23	rd
Stygnocoris pedestris (Fallen)	1	0	31	oa p
Temnostethus ?gracilis (Horvath)	1	0	31	oa
Aphrophora alni (Fallen)	1	0	31	oa p
Auchenorhyncha sp. A	1	0	31	oa p
Auchenorhyncha sp. B	1	0	31	oa p
Auchenorhyncha sp. E	1	0	31	oa p
Auchenorhyncha sp. F	1	0	31	oa p
Carabus violaceus	1	0	31	oa
Trechus micros (Herbst)	1	0	31	u
Pterostichus ?nigrita (Paykull)	1	0	31	oa d
Dromius (Philorhizus) sp.	1	0	31	oa
Megasternum obscurum (Marsham)	1	0	31	rt
Hydrophilinae sp.	1	0	31	oa w
Ptenidium sp.	1	0	31	rt
Catops sp.	1	0	31	u
Lesteva heeri Fauvel	1	0	31	oa d
?Eusphalerum minutum (Fabricius)	1	0	31	oa d
Stenus sp. A	1	0	31	u
Stenus sp. B	1	0	31	u
Stenus sp. C	1	0	31	u
Stenus sp. D	1	0	31	u
Lathrobium sp. A	1	0	31	u
Lathrobium sp. B	1	0	31	u
Rugilus orbiculatus (Paykull)	1	0	31	rt
Othius ?myrmecophilus Kiesenwetter	1	0	31	rt
Philonthus or Gabrius sp.	1	0	31	u
Tachinus sp.	1	0	31	u
Aleocharinae sp. B	1	0	31	u
Aleocharinae sp. D	1	0	31	u

Aleocharinae sp. F	1	0	31	u
Pselaphus heisei (Herbst)	1	0	31	u
Geotrupes sp.	1	0	31	oa rf
Aphodius sp.	1	0	31	ob rf
Aphodius sp. B	1	0	31	ob rf
Byrrhus sp.	1	0	31	oa p
Hypnoidus riparius (Fabricius)	1	0	31	oa p
Elateridae sp.	1	0	31	ob
Cantharis ?figurata Mannerheim	1	0	31	oa
Cantharis rufa Linnaeus	1	0	31	oa
Anobium ?punctatum (Degeer)	1	0	31	l
Kateretes rufilabris (Latreille)	1	0	31	oa p d
Meligethes sp.	1	0	31	oa p
Cryptophagus sp. A	1	0	31	rd
Corticaria sp.	1	0	31	rt
Chrysolina staphylaea (Linnaeus)	1	0	31	oa p
Longitarsus sp.	1	0	31	oa p
Chaetocnema concinna (Marsham)	1	0	31	oa p
Dorytomus sp.	1	0	31	oa p
Notaris acridulus (Linnaeus)	1	0	31	oa d p
Micrelus ericae (Gyllenhal)	1	0	31	oa p m
Rhinoncus pericarpius (Linnaeus)	1	0	31	oa p
Coleoptera sp. B	1	0	31	u

Site: AOC138 Context: 316 Sample: 316/1 - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	99
Number of taxa	S =	37
Index of diversity (alpha)	alpha =	22
Standard error of alpha	SE alpha =	3
Number of 'certain' outdoor taxa	SOA =	8
Percentage of 'certain' outdoor taxa	%SOA =	22
Number of 'certain' outdoor individuals	NOA =	8
Percentage of 'certain' outdoor individuals	%NOA =	8
Number of 'certain' and probable outdoor taxa	SOB =	8
Percentage of 'certain' and probable outdoor taxa	%SOB =	22
Number of 'certain' and probable outdoor individuals	NOB =	8
Percentage 'certain' and probable outdoor individuals	%NOB =	8

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 individuals	%NW =	2
Number of damp ground/waterside taxa	SD =	1
Percentage of damp ground/waterside taxa	%SD =	3
Number of damp ground/waterside individuals	ND =	1
Percentage of damp ground/waterside individuals	%ND =	1
Number of strongly plant-associated taxa	SP =	1
Percentage of strongly plant-associated taxa	%SP =	3
Number of strongly plant-associated individuals	NP =	1
Percentage of strongly plant-associated individuals	%NP =	1

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 =	16
Percentage of decomposer taxa	%SRT =	43
Number of decomposer individuals	NRT =	72
Percentage of decomposer individuals	%NRT =	73
Number of 'dry' decomposer taxa	SRD =	4
Percentage of 'dry'decomposer taxa	%SRD =	11
Number of 'dry' decomposer individuals	NRD =	26
Percentage of 'dry'decomposer individuals	%NRD =	26
Number of 'foul' decomposer taxa	SRF =	0
Percentage of 'foul' decomposer taxa	%SRF =	0
Number of 'foul' decomposer individuals	NRF =	0
Percentage of 'foul' decomposer individuals	%NRF =	0
Index of diversity of decomposer component	alpha RT =	6
Standard error	SE alpha RT =	1
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 =	13
Percentage of uncoded individuals	PNU =	19

Site: AOC138 Context: 316 Sample: 316/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Cryptophagus sp.	22	22	1	rd
Carpelimus bilineatus Stephens	14	14	2	rt
Xylodromus concinnus (Marsham)	7	7	3	rt
Cercyon analis (Paykull)	6	6	4	rt
Crataraea suturalis (Mannerheim)	5	5	5	rt
Catops fuliginosus Erichson	3	3	6	u
Anotylus rugosus (Fabricius)	3	3	6	rt
Gyrohypnus fracticornis (Muller)	3	3	6	rt
?Cordalia obscura (Gravenhorst)	3	3	6	rt
Lathrobium sp. A	2	2	10	u
Lathrobium sp. B	2	2	10	u
Philonthus sp. C	2	2	10	u
Aleocharinae sp. D	2	2	10	u
Cryptophagus scutellatus Newman	2	2	10	rd
Bembidion (Philochthus) sp.	1	1	15	oa
Pterostichus ?strenuus (Panzer)	1	1	15	oa
Megasternum obscurum (Marsham)	1	1	15	rt
Anacaena sp.	1	1	15	oa w
Chaetarthria seminulum (Herbst)	1	1	15	oa w
Olophrum ?piceum (Gyllenhal)	1	1	15	oa
Aploderus caelatus (Gravenhorst)	1	1	15	rt
Stenus sp. A	1	1	15	u
Stenus sp. B	1	1	15	u

Stenus sp. C	1	1	15	u
Rugilus ?orbiculatus (Paykull)	1	1	15	rt
Gyrohypnus ?angustatus Stephens	1	1	15	rt
Xantholinus linearis group (Olivier)	1	1	15	rt
Erichsonius cinerascens (Gravenhorst)	1	1	15	oa d
Philonthus sp. A	1	1	15	u
Philonthus sp. B	1	1	15	u
Aleocharinae sp. A	1	1	15	u
Aleocharinae sp. B	1	1	15	u
Aleocharinae sp. C	1	1	15	u
Actenicerus sjaelandicus (Muller)	1	1	15	oa
Atomaria sp.	1	1	15	rd
Lathridius minutus group	1	1	15	rd
Phyllotreta sp.	1	1	15	oa p

Site: AOC138 Context: 325 Sample: 325/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 4; Weight = 0.000kg

Number of individuals estimated as	N =	13
Number of taxa	S =	13
Index of diversity not calculated, n = s or n < 20		
Number of 'certain' outdoor taxa	SOA =	6
Percentage of 'certain' outdoor taxa	%SOA =	46
Number of 'certain' outdoor individuals	NOA =	6
Percentage of 'certain' outdoor individuals	%NOA =	46
Number of 'certain' and probable outdoor taxa	SOB =	7
Percentage of 'certain' and probable outdoor taxa	%SOB =	54
Number of 'certain' and probable outdoor individuals	NOB =	7
Percentage 'certain' and probable outdoor individuals	%NOB =	54
Diversity index for OB not calculated, NOB = SOB or NOB < 20		
Number of aquatic taxa	SW =	2
Percentage of aquatic taxa	%SW =	15
Number of aquatic individuals	NW =	2
Percentage of aquatic individuals	%NW =	15
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 =	3
Percentage of strongly plant-associated taxa	%SP =	23
Number of strongly plant-associated individuals	NP =	3
Percentage of strongly plant-associated individuals	%NP =	23
Number of heathland/moorland taxa	SM =	1
Number of heathland/moorland individuals	NM =	1
Percentage of heathland/moorland individuals	%NM =	8
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 =	2
Percentage of decomposer taxa	%SRT =	15
Number of decomposer individuals	NRT =	2
Percentage of decomposer individuals	%NRT =	15

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 =	0
Percentage of 'foul' decomposer taxa	%SRF =	0
Number of 'foul' decomposer individuals	NRF =	0
Percentage of 'foul' decomposer individuals	%NRF =	0

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 =	4
Percentage of uncoded individuals	PNU =	31

Site: AOC138 Context: 325 Sample: 325/T - species list in rank order

Taxon	Number	%	Rank	Ecodes
Lygaeidae sp.	1	8	1	oa p
Conomelus anceps (Germar)	1	8	1	oa p
Helophorus sp.	1	8	1	oa w
Megasternum obscurum (Marsham)	1	8	1	rt
?Anacaena sp.	1	8	1	oa w
Carpelimus ?bilineatus Stephens	1	8	1	rt
Stenus sp.	1	8	1	u
Neobisnius sp.	1	8	1	u
Staphylininae sp.	1	8	1	u
Aleocharinae sp.	1	8	1	u
Elateridae sp.	1	8	1	ob
Micrelus ericae (Gyllenhal)	1	8	1	oa p m
Curculionidae sp.	1	8	1	oa

Site: AOC138 Context: 326 Sample: 326/T - beetle/bug main statistics

Erosion = 4 Fragmentation = 3; Weight = 0.000kg

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

Site: AOC138 Context: 326 Sample: 326/T - species list in rank order

Taxon	Number	%	Rank	Ecodes
Anotylus rugosus (Fabricius)	1	13	1	rt
Stenus sp. A	1	13	1	u
Stenus sp. B	1	13	1	u
Lathrobium sp.	1	13	1	u
Aleocharinae sp. A	1	13	1	u
Aleocharinae sp. B	1	13	1	u
Aphodius sp.	1	13	1	ob rf

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Elateridae sp.                                  1   13    1  ob
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Site: AOC138 Context: 327 Sample: 327/1 - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 0.000kg

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Number of individuals estimated as                          N =   451
Number of taxa                                              S =   118
Index of diversity (alpha)                              alpha =    52
Standard error of alpha                                SE alpha =     4
Number of 'certain' outdoor taxa                            SOA =    50
Percentage of 'certain' outdoor taxa                       %SOA =    42
Number of 'certain' outdoor individuals                     NOA =    80
Percentage of 'certain' outdoor individuals                %NOA =    18
Number of 'certain' and probable outdoor taxa               SOB =    52
Percentage of 'certain' and probable outdoor taxa          %SOB =    44
Number of 'certain' and probable outdoor individuals        NOB =    85
Percentage 'certain' and probable outdoor individuals      %NOB =    19
Index of diversity of outdoor component                 alpha OB =    57
Standard error                                         SE alpha OB =    11
Number of aquatic taxa                                      SW =     6
Percentage of aquatic taxa                                 %SW =     5
Number of aquatic individuals                               NW =     7
Percentage of aquatic individuals                          %NW =     2
Number of damp ground/waterside taxa                        SD =     6
Percentage of damp ground/waterside taxa                   %SD =     5
Number of damp ground/waterside individuals                 ND =    10
Percentage of damp ground/waterside individuals            %ND =     2
Number of strongly plant-associated taxa                    SP =    24
Percentage of strongly plant-associated taxa               %SP =    20
Number of strongly plant-associated individuals             NP =    42
Percentage of strongly plant-associated individuals        %NP =     9
Number of heathland/moorland taxa                           SM =     3
Number of heathland/moorland individuals                    NM =     5
Percentage of heathland/moorland individuals               %NM =     1
Number of wood-associated taxa                              SL =     1
Number of wood-associated individuals                       NL =     1
Percentage of wood-associated individuals                  %NL =     0
Number of decomposer taxa                                   SRT =    34
Percentage of decomposer taxa                              %SRT =    29
Number of decomposer individuals                            NRT =   277
Percentage of decomposer individuals                       %NRT =    61
Number of 'dry' decomposer taxa                             SRD =     6
Percentage of 'dry'decomposer taxa                         %SRD =     5
Number of 'dry' decomposer individuals                      NRD =    33
Percentage of 'dry'decomposer individuals                  %NRD =     7
Number of 'foul' decomposer taxa                            SRF =     3
Percentage of 'foul' decomposer taxa                       %SRF =     3
Number of 'foul' decomposer individuals                     NRF =     6
Percentage of 'foul' decomposer individuals                %NRF =     1
Index of diversity of decomposer component              alpha RT =    10
Standard error                                         SE alpha RT =     1
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 =	32
Percentage of uncoded individuals	PNU =	20

Site: AOC138 Context: 327 Sample: 327/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Carpelimus bilineatus Stephens	99	22	1	rt
Cercyon analis (Paykull)	51	11	2	rt
Aleocharinae sp. E	24	5	3	u
Cordalia obscura (Gravenhorst)	17	4	4	rt
Xylodromus concinnus (Marsham)	13	3	5	rt
Conomelus anceps (Germar)	10	2	6	oa p
Xantholinus gallicus or linearis	10	2	6	rt
Cryptophagus sp. A	10	2	6	rd
Aleocharinae sp. D	9	2	9	u
Atomaria nigripennis (Kugelann)	8	2	10	rd
Oxytelus sculptus Gravenhorst	7	2	11	rt
Stenus sp. D	6	1	12	u
Clambus sp. B	6	1	12	rt
Atomaria sp.	6	1	12	rd
Lathridius minutus group	6	1	12	rd
Acrotrichis sp. A	5	1	16	rt
Megasternum obscurum (Marsham)	4	1	17	rt
Acidota crenata (Fabricius)	4	1	17	oa
Gyrohypnus ?angustatus Stephens	4	1	17	rt
Philonthus sp. B	4	1	17	u
Euplectini sp.	4	1	17	u
Aphodius ?prodromus (Brahm)	4	1	17	ob rf
Longitarsus sp.	4	1	17	oa p
Apion (Protapion) ?dichroum Bedel	4	1	17	oa p
Pterostichus ?diligens (Sturm)	3	1	25	oa d
Olophrum sp.	3	1	25	oa
Anotylus rugosus (Fabricius)	3	1	25	rt
Stenus sp. E	3	1	25	u
Lathrobium sp. A	3	1	25	u
Othius myrmecophilus Kiesenwetter	3	1	25	rt
Philonthus or Gabrius sp.	3	1	25	u
Sepedophilus littoreus (Linnaeus)	3	1	25	u
Trechus obtusus or quadristriatus	2	0	33	oa
Pterostichus nigrita (Paykull)	2	0	33	oa d
Synuchus nivalis (Panzer)	2	0	33	oa
Helophorus sp.	2	0	33	oa w
Catops sp. B	2	0	33	u
Lesteva ?longoelytrata (Goeze)	2	0	33	oa d
Stenus sp. A	2	0	33	u
Stenus sp. B	2	0	33	u
Lathrobium sp. B	2	0	33	u
Gyrohypnus fracticornis (Muller)	2	0	33	rt
Xantholinus longiventris Heer	2	0	33	rt
Neobisnius sp.	2	0	33	u

Philonthus sp. A	2	0	33	u
Staphylinus sp.	2	0	33	u
Staphylininae sp.	2	0	33	u
Tachyporus sp.	2	0	33	u
Crataraea suturalis (Mannerheim)	2	0	33	rt
Aleocharinae sp. C	2	0	33	u
Cryptophagus scutellatus Newman	2	0	33	rd
Lochmaea caprea or suturalis	2	0	33	oa p m
Sitona lepidus Gyllenhal	2	0	33	oa p
Micrelus ericae (Gyllenhal)	2	0	33	oa p m
Drymus brunneus (Sahlberg)	1	0	55	oa p
?Microvelia sp.	1	0	55	oa w
Corixidae sp.	1	0	55	oa w
Auchenorhyncha sp. A	1	0	55	oa p
Auchenorhyncha sp. B	1	0	55	oa p
Auchenorhyncha sp. C	1	0	55	oa p
Auchenorhyncha sp. D	1	0	55	oa p
Livia juncorum (Latreille)	1	0	55	oa p
Cychrus rostratus (Linnaeus)	1	0	55	oa
Clivina ?fossor (Linnaeus)	1	0	55	oa
Trechus discus (Fabricius)	1	0	55	u
Bembidion bruxellense Wesmael	1	0	55	oa
Bembidion guttula or mannerheimi	1	0	55	oa
Calathus sp.	1	0	55	oa
Olisthopus rotundatus (Paykull)	1	0	55	oa
Amara sp.	1	0	55	oa
Trichocellus cognatus (Gyllenhal)	1	0	55	oa
Hydroporinae sp.	1	0	55	oa w
Cercyon haemorrhoidalis (Fabricius)	1	0	55	rf
Cryptopleurum minutum (Fabricius)	1	0	55	rf
Ochthebius sp.	1	0	55	oa w
Acrotrichis sp. B	1	0	55	rt
Leiodidae sp.	1	0	55	u
Catops sp. A	1	0	55	u
Micropeplus staphylinoides (Marsham)	1	0	55	rt
Megarthrus sp.	1	0	55	rt
Metopsia retusa (Stephens)	1	0	55	u
Aploderus caelatus (Gravenhorst)	1	0	55	rt
Stenus sp. C	1	0	55	u
Ochthephilum fracticorne (Paykull)	1	0	55	oa d
Rugilus rufipes Germar	1	0	55	rt
Leptacinus sp.	1	0	55	rt
Erichsonius cinerascens (Gravenhorst)	1	0	55	oa d
Quedius sp. A	1	0	55	u
Quedius sp. B	1	0	55	u
Mycetoporus sp.	1	0	55	u
Aleocharinae sp. A	1	0	55	u
Aleocharinae sp. B	1	0	55	u
Aleocharinae sp. F	1	0	55	u
Phyllopertha horticola (Linnaeus)	1	0	55	oa p
Clambus sp. A	1	0	55	rt
Cyphon sp.	1	0	55	oa d
Oulimnius sp.	1	0	55	oa w
Hypnoidus riparius (Fabricius)	1	0	55	oa p

Ctenicera cuprea (Fabricius)	1	0	55	oa p
Elateridae sp.	1	0	55	ob
Melasis buprestoides (Linnaeus)	1	0	55	l
Monotoma sp.	1	0	55	rt
Cryptophagus sp. B	1	0	55	rd
Orthoperus sp.	1	0	55	rt
Enicmus sp.	1	0	55	rt
Oulema sp.	1	0	55	oa p
Chrysolina staphylaea (Linnaeus)	1	0	55	oa p
Galerucella sp.	1	0	55	oa p
Lochmaea caprea (Linnaeus)	1	0	55	oa p m
Apion (Oxystoma) ?subulatum Kirby	1	0	55	oa p
Apion sp.	1	0	55	oa p
Hypera punctata (Fabricius)	1	0	55	oa p
Alophus triguttatus (Fabricius)	1	0	55	oa p
Mecinus pyraster (Herbst)	1	0	55	oa p
Curculionidae sp.	1	0	55	oa
Curculionidae sp. C	1	0	55	oa
Coleoptera sp. A	1	0	55	u
Coleoptera sp. B	1	0	55	u

Site: AOC138 Context: 341 Sample: 341/1 - beetle/bug main statistics

Erosion = 2 Fragmentation = 2; Weight = 0.000kg

Number of individuals estimated as	N =	216
Number of taxa	S =	62
Index of diversity (alpha)	alpha =	29
Standard error of alpha	SE alpha =	3
Number of 'certain' outdoor taxa	SOA =	14
Percentage of 'certain' outdoor taxa	%SOA =	23
Number of 'certain' outdoor individuals	NOA =	16
Percentage of 'certain' outdoor individuals	%NOA =	7
Number of 'certain' and probable outdoor taxa	SOB =	17
Percentage of 'certain' and probable outdoor taxa	%SOB =	27
Number of 'certain' and probable outdoor individuals	NOB =	19
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 =	3
Number of aquatic individuals	NW =	2
Percentage of aquatic individuals	%NW =	1
Number of damp ground/waterside taxa	SD =	3
Percentage of damp ground/waterside taxa	%SD =	5
Number of damp ground/waterside individuals	ND =	3
Percentage of damp ground/waterside individuals	%ND =	1
Number of strongly plant-associated taxa	SP =	7
Percentage of strongly plant-associated taxa	%SP =	11
Number of strongly plant-associated individuals	NP =	8
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 =	1
Number of wood-associated individuals	NL =	1
Percentage of wood-associated individuals	%NL =	0
Number of decomposer taxa	SRT =	27
Percentage of decomposer taxa	%SRT =	44
Number of decomposer individuals	NRT =	150
Percentage of decomposer individuals	%NRT =	69
Number of 'dry' decomposer taxa	SRD =	6
Percentage of 'dry'decomposer taxa	%SRD =	10
Number of 'dry' decomposer individuals	NRD =	21
Percentage of 'dry'decomposer individuals	%NRD =	10
Number of 'foul' decomposer taxa	SRF =	2
Percentage of 'foul' decomposer taxa	%SRF =	3
Number of 'foul' decomposer individuals	NRF =	2
Percentage of 'foul' decomposer individuals	%NRF =	1
Index of diversity of decomposer component	alpha RT =	10
Standard error	SE alpha RT =	1
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 =	18
Percentage of uncoded individuals	PNU =	22

Site: AOC138 Context: 341 Sample: 341/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Carpelimus bilineatus Stephens	51	24	1	rt
Cercyon analis (Paykull)	21	10	2	rt
Neobisnius sp.	14	6	3	u
Cordalia obscura (Gravenhorst)	14	6	3	rt
Euplectini sp.	9	4	5	u
Acrotrichis sp.	7	3	6	rt
Crataraea suturalis (Mannerheim)	7	3	6	rt
Cryptophagus scutellatus Newman	7	3	6	rd
Xylodromus concinnus (Marsham)	5	2	9	rt
Cryptophagus sp. A	5	2	9	rd
Atomaria sp. A	5	2	9	rd
Gyrohypnus fracticornis (Muller)	4	2	12	rt
Megasternum obscurum (Marsham)	3	1	13	rt
Ptenidium sp.	3	1	13	rt
Aleocharinae sp. A	3	1	13	u
Aleocharinae sp. E	3	1	13	u
Aleocharinae sp. G	3	1	13	u
Conomelus anceps (Germar)	2	1	18	oa p
Catops sp.	2	1	18	u
Olophrum sp.	2	1	18	oa
Anotylus rugosus (Fabricius)	2	1	18	rt
Gyrohypnus angustatus Stephens	2	1	18	rt
Quedius sp.	2	1	18	u
Atomaria sp. B	2	1	18	rd
Berytinus sp.	1	0	25	oa p
Auchenorhyncha sp.	1	0	25	oa p

Pterostichus melanarius (Illiger)	1	0	25	ob
Pterostichus nigrita (Paykull)	1	0	25	oa d
Pterostichus ?strenuus (Panzer)	1	0	25	oa
Carabidae sp.	1	0	25	ob
Helophorus sp.	1	0	25	oa w
Cercyon haemorrhoidalis (Fabricius)	1	0	25	rf
Chaetarthria seminulum (Herbst)	1	0	25	oa w
Micropeplus sp.	1	0	25	rt
Lesteva sp.	1	0	25	oa d
Stenus sp. A	1	0	25	u
Stenus sp. B	1	0	25	u
Lathrobium sp. A	1	0	25	u
Lathrobium sp. B	1	0	25	u
Rugilus ?orbiculatus (Paykull)	1	0	25	rt
Othius ?myrmecophilus Kiesenwetter	1	0	25	rt
Leptacinus sp.	1	0	25	rt
Erichsonius cinerascens (Gravenhorst)	1	0	25	oa d
Philonthus sp. A	1	0	25	u
Philonthus sp. B	1	0	25	u
Aleocharinae sp. B	1	0	25	u
Aleocharinae sp. C	1	0	25	u
Aleocharinae sp. D	1	0	25	u
Aleocharinae sp. F	1	0	25	u
Aleocharinae sp. H	1	0	25	u
Aphodius sp.	1	0	25	ob rf
Clambus sp. A	1	0	25	rt
Clambus sp. B	1	0	25	rt
Anobium ?punctatum (Degeer)	1	0	25	l
Cryptophagus sp. B	1	0	25	rd
Orthoperus sp.	1	0	25	rt
Lathridius minutus group	1	0	25	rd
Corticaria sp.	1	0	25	rt
Chrysolina ?staphylaea (Linnaeus)	1	0	25	oa p
Apion sp.	1	0	25	oa p
Sitona lineatus (Linnaeus)	1	0	25	oa p
Alophus triguttatus (Fabricius)	1	0	25	oa p

Site: AOC138 Context: 402 Sample: 402/1 - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 0.000kg

Number of individuals estimated as	N =	59
Number of taxa	S =	42
Index of diversity (alpha)	alpha =	65
Standard error of alpha	SE alpha =	17
Number of 'certain' outdoor taxa	SOA =	12
Percentage of 'certain' outdoor taxa	%SOA =	29
Number of 'certain' outdoor individuals	NOA =	13
Percentage of 'certain' outdoor individuals	%NOA =	22
Number of 'certain' and probable outdoor taxa	SOB =	15
Percentage of 'certain' and probable outdoor taxa	%SOB =	36
Number of 'certain' and probable outdoor individuals	NOB =	16
Percentage 'certain' and probable outdoor individuals	%NOB =	27

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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 =     1
Percentage of damp ground/waterside taxa             %SD =     2
Number of damp ground/waterside individuals           ND =     1
Percentage of damp ground/waterside individuals      %ND =     2
Number of strongly plant-associated taxa              SP =     8
Percentage of strongly plant-associated taxa         %SP =    19
Number of strongly plant-associated individuals       NP =     8
Percentage of strongly plant-associated individuals  %NP =    14
Number of heathland/moorland taxa                     SM =     1
Number of heathland/moorland individuals              NM =     1
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 =     2
Number of decomposer taxa                            SRT =    14
Percentage of decomposer taxa                       %SRT =    33
Number of decomposer individuals                     NRT =    28
Percentage of decomposer individuals                %NRT =    47
Number of 'dry' decomposer taxa                      SRD =     2
Percentage of 'dry'decomposer taxa                  %SRD =     5
Number of 'dry' decomposer individuals               NRD =     2
Percentage of 'dry'decomposer individuals           %NRD =     3
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 =     3
Index of diversity of decomposer component       alpha RT =    11
Standard error                                SE alpha RT =     4
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 =    14
Percentage of uncoded individuals                   PNU =    27
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Site: AOC138 Context: 402 Sample: 402/1 - species list in rank order

Taxon	Number	%	Rank	Ecodes
Cercyon analis (Paykull)	6	10	1	rt
Cordalia obscura (Gravenhorst)	6	10	1	rt
Acrotrichis sp.	3	5	3	rt
Pterostichus diligens or strenuus	2	3	4	oa
Othius myrmecophilus Kiesenwetter	2	3	4	rt
Aleocharinae sp. A	2	3	4	u
Aleocharinae sp. B	2	3	4	u
Corticaria sp.	2	3	4	rt
Elasmucha grisea (Linnaeus)	1	2	9	oa p
Auchenorhyncha sp. A	1	2	9	oa p

Auchenorhyncha sp. B	1	2	9	oa p
Helophorus sp. A	1	2	9	oa w
Cercyon sp. A	1	2	9	u
Cercyon sp. B	1	2	9	u
Megasternum obscurum (Marsham)	1	2	9	rt
Ptenidium sp.	1	2	9	rt
Catops sp.	1	2	9	u
Micropeplus fulvus Erichson	1	2	9	rt
Olophrum sp.	1	2	9	oa
Phyllodrepa ?floralis (Paykull)	1	2	9	rt
Stenus sp. A	1	2	9	u
Stenus sp. B	1	2	9	u
Euaesthetus ?bipunctatus (Ljungh)	1	2	9	oa
Lathrobium sp. A	1	2	9	u
Lathrobium sp. B	1	2	9	u
Rugilus ?orbiculatus (Paykull)	1	2	9	rt
Xantholinus sp.	1	2	9	u
Philonthus sp. A	1	2	9	u
Quedius sp.	1	2	9	u
Pselaphidae sp. A	1	2	9	u
Pselaphidae sp. B	1	2	9	u
Aphodius sp. A	1	2	9	ob rf
Aphodius sp. B	1	2	9	ob rf
Elateridae sp.	1	2	9	ob
Grynobius planus (Fabricius)	1	2	9	l
Kateretes ?rufilabris (Latreille)	1	2	9	oa p d
Cryptophagus scutellatus Newman	1	2	9	rd
Cryptophagus sp.	1	2	9	rd
?Chaetocnema concinna (Marsham)	1	2	9	oa p
Apion sp.	1	2	9	oa p
Hypera punctata (Fabricius)	1	2	9	oa p
Micrelus ericae (Gyllenhal)	1	2	9	oa p m