

Appendix

Main statistics and species lists in rank order for the assemblages of adult bugs and beetles (excluding Aphidoidea and Coccidoidea) from Papcastle, Cumbria.

Site: PC84 Context: 118 Sample: 12/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 0.100kg

| | | |
|--|------------|----|
| Number of individuals estimated as | N = | 33 |
| Number of taxa | S = | 23 |
| Index of diversity (alpha) | alpha = | 34 |
| Standard error of alpha | SE alpha = | 12 |
| Number of 'certain' outdoor taxa | SOA = | 3 |
| Percentage of 'certain' outdoor taxa | %SOA = | 13 |
| Number of 'certain' outdoor individuals | NOA = | 3 |
| Percentage of 'certain' outdoor individuals | %NOA = | 9 |
| Number of 'certain' and probable outdoor taxa | SOB = | 6 |
| Percentage of 'certain' and probable outdoor taxa | %SOB = | 26 |
| Number of 'certain' and probable outdoor individuals | NOB = | 6 |
| Percentage 'certain' and probable outdoor individuals | %NOB = | 18 |
| 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 = | 1 |
| Percentage of strongly plant-associated taxa | %SP = | 4 |
| Number of strongly plant-associated individuals | NP = | 1 |
| 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 = | 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 = | 35 |
| Number of decomposer individuals | NRT = | 10 |
| Percentage of decomposer individuals | %NRT = | 30 |
| Number of 'dry' decomposer taxa | SRD = | 3 |
| Percentage of 'dry' decomposer taxa | %SRD = | 13 |
| Number of 'dry' decomposer individuals | NRD = | 5 |
| Percentage of 'dry' decomposer individuals | %NRD = | 15 |
| 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 |
| Diversity index for RT not calculated, NRT = SRT or NRT < 20 | | |
| Number of individuals of grain pests | NG = | 10 |
| Percentage of individuals of grain pests | %NG = | 30 |
| Number of individuals of grain pests | NG = | 10 |
| Number of uncoded taxa | SU = | 6 |
| Percentage of uncoded individuals | PNU = | 24 |

Site: PC84 Context: 118 Sample: 12/T - species list in rank order

| Taxon | Number | % | Rank | Ecodes |
|---------------------------------------|--------|----|------|--------|
| Oryzaeophilus surinamensis (Linnaeus) | 4 | 12 | 1 | g |
| Aleocharinae sp. | 3 | 9 | 2 | u |
| Cryptolestes ferrugineus (Stephens) | 3 | 9 | 2 | g |
| Cryptophagus sp. | 2 | 6 | 4 | rd |
| Lathridius minutus group | 2 | 6 | 4 | rd |
| Sitophilus granarius (Linnaeus) | 2 | 6 | 4 | g |
| Hemiptera sp. | 1 | 3 | 7 | u |
| Pterostichus sp. | 1 | 3 | 7 | ob |
| Carabidae sp. | 1 | 3 | 7 | ob |
| Helophorus sp. | 1 | 3 | 7 | oa w |
| Cercyon sp. | 1 | 3 | 7 | u |
| Carpelimus pusillus group | 1 | 3 | 7 | u |
| Anotylus sculpturatus group | 1 | 3 | 7 | rt |
| Xantholinus linearis or longiventris | 1 | 3 | 7 | rt |
| Falagria or Cordalia sp. | 1 | 3 | 7 | rt |
| Aleochara sp. | 1 | 3 | 7 | u |
| Aphodius sp. | 1 | 3 | 7 | ob rf |
| Ephistemus globulus (Paykull) | 1 | 3 | 7 | rd |
| Palorus ratzeburgi (Wissman) | 1 | 3 | 7 | g |
| ?Alphitobius sp. | 1 | 3 | 7 | rt |
| Rhinoncus sp. | 1 | 3 | 7 | oa p |
| Curculionidae sp. | 1 | 3 | 7 | oa |
| Coleoptera sp. | 1 | 3 | 7 | u |

Site: PC84 Context: 163 Sample: 17/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 4; Weight = 1.000kg

Number of individuals estimated as N = 3
 Number of taxa S = 2

Site: PC84 Context: 163 Sample: 17/T - species list in rank order

| Taxon | Number | % | Rank | Ecodes |
|---------------------------------------|--------|----|------|--------|
| Oryzaeophilus surinamensis (Linnaeus) | 2 | 67 | 1 | g |
| Aphodius sp. | 1 | 33 | 2 | ob rf |

Site: PC84 Context: 174 Sample: 18/T - beetle/bug main statistics

Erosion = 2 Fragmentation = 2; Weight = 1.000kg

Number of individuals estimated as N = 48
 Number of taxa S = 35
 Index of diversity (alpha) alpha = 58
 Standard error of alpha SE alpha = 18
 Number of 'certain' outdoor taxa SOA = 11
 Percentage of 'certain' outdoor taxa %SOA = 31
 Number of 'certain' outdoor individuals NOA = 11
 Percentage of 'certain' outdoor individuals %NOA = 23

| | | |
|--|---------------|----|
| Number of 'certain' and probable outdoor taxa | SOB = | 15 |
| Percentage of 'certain' and probable outdoor taxa | %SOB = | 43 |
| Number of 'certain' and probable outdoor individuals | NOB = | 15 |
| 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 = | 3 |
| 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 = | 3 |
| Number of damp ground/waterside individuals | ND = | 1 |
| Percentage of damp ground/waterside individuals | %ND = | 2 |
| Number of strongly plant-associated taxa | SP = | 6 |
| Percentage of strongly plant-associated taxa | %SP = | 17 |
| Number of strongly plant-associated individuals | NP = | 6 |
| 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 = | 15 |
| Percentage of decomposer taxa | %SRT = | 43 |
| Number of decomposer individuals | NRT = | 22 |
| 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 = | 4 |
| Percentage of 'dry' decomposer individuals | %NRD = | 8 |
| Number of 'foul' decomposer taxa | SRF = | 6 |
| Percentage of 'foul' decomposer taxa | %SRF = | 17 |
| Number of 'foul' decomposer individuals | NRF = | 6 |
| Percentage of 'foul' decomposer individuals | %NRF = | 13 |
| Index of diversity of decomposer component | alpha RT = | 21 |
| Standard error | SE alpha RT = | 9 |
| Number of individuals of grain pests | NG = | 9 |
| Percentage of individuals of grain pests | %NG = | 19 |
| Number of individuals of grain pests | NG = | 9 |
| Number of uncoded taxa | SU = | 6 |
| Percentage of uncoded individuals | PNU = | 13 |

Site: PC84 Context: 174 Sample: 18/T - species list in rank order

| Taxon | Number | % | Rank | Ecodes |
|-------------------------------------|--------|----|------|--------|
| Corticaria sp. A | 7 | 15 | 1 | rt |
| Cryptolestes ferrugineus (Stephens) | 5 | 10 | 2 | g |
| Sitophilus granarius (Linnaeus) | 3 | 6 | 3 | g |
| Corticaria ?punctulata Marsham | 2 | 4 | 4 | rt |
| Cimicidae sp. | 1 | 2 | 5 | u |
| Heteroptera sp. A | 1 | 2 | 5 | u |
| Heteroptera sp. B | 1 | 2 | 5 | u |
| Auchenorhyncha sp. | 1 | 2 | 5 | oa p |
| Dyschirius globosus (Herbst) | 1 | 2 | 5 | oa |

| | | | | | |
|--------------------------------------|---|---|---|----|----|
| Agonum albipes (Fabricius) | 1 | 2 | 5 | oa | d |
| Carabidae sp. | 1 | 2 | 5 | ob | |
| Helophorus sp. | 1 | 2 | 5 | oa | w |
| Cercyon haemorrhoidalis (Fabricius) | 1 | 2 | 5 | rf | |
| Omalius caesum or italicum | 1 | 2 | 5 | rt | |
| Platystethus arenarius (Fourcroy) | 1 | 2 | 5 | rf | |
| Xantholinus ?linearis (Olivier) | 1 | 2 | 5 | rt | |
| Staphylininae sp. | 1 | 2 | 5 | u | |
| Aleocharinae sp. | 1 | 2 | 5 | u | |
| Geotrupes sp. | 1 | 2 | 5 | oa | rf |
| Aphodius sp. A | 1 | 2 | 5 | ob | rf |
| Aphodius sp. B | 1 | 2 | 5 | ob | rf |
| Aphodius sp. C | 1 | 2 | 5 | ob | rf |
| Phyllopertha horticola (Linnaeus) | 1 | 2 | 5 | oa | p |
| Ptinus sp. | 1 | 2 | 5 | rd | |
| Meligethes sp. | 1 | 2 | 5 | oa | p |
| Oryzaephilus surinamensis (Linnaeus) | 1 | 2 | 5 | g | |
| Cryptophagus sp. | 1 | 2 | 5 | rd | |
| Lathridius minutus group | 1 | 2 | 5 | rd | |
| Typhaea stercorea (Linnaeus) | 1 | 2 | 5 | rd | |
| Anthicus sp. | 1 | 2 | 5 | rt | |
| Halticinae sp. A | 1 | 2 | 5 | oa | p |
| Halticinae sp. B | 1 | 2 | 5 | oa | p |
| Apion sp. | 1 | 2 | 5 | oa | p |
| Curculionidae sp. | 1 | 2 | 5 | oa | |
| Coleoptera sp. | 1 | 2 | 5 | u | |

Site: PC84 Context: 019 Sample: 22/T - beetle/bug main statistics

Erosion = 0 Fragmentation = 0; Weight = 1.000kg

| | | |
|--|--------|----|
| Number of individuals estimated as | N = | 19 |
| Number of taxa | S = | 17 |
| Index of diversity not calculated, n = s or n < 20 | | |
| 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 = | 21 |
| Number of 'certain' and probable outdoor taxa | SOB = | 5 |
| Percentage of 'certain' and probable outdoor taxa | %SOB = | 29 |
| Number of 'certain' and probable outdoor individuals | NOB = | 5 |
| Percentage 'certain' and probable outdoor individuals | %NOB = | 26 |
| 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 = | 11 |
| 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 = | 5 |
| 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 = | 4 |
| Percentage of decomposer taxa | %SRT = | 24 |
| Number of decomposer individuals | NRT = | 4 |
| Percentage of decomposer individuals | %NRT = | 21 |
| Number of 'dry' decomposer taxa | SRD = | 2 |
| Percentage of 'dry' decomposer taxa | %SRD = | 12 |
| Number of 'dry' decomposer individuals | NRD = | 2 |
| Percentage of 'dry' decomposer individuals | %NRD = | 11 |
| 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 = | 5 |
| Diversity index for RT not calculated, NRT = SRT or NRT < 20 | | |
| Number of individuals of grain pests | NG = | 4 |
| Percentage of individuals of grain pests | %NG = | 21 |
| Number of individuals of grain pests | NG = | 4 |
| Number of uncoded taxa | SU = | 7 |
| Percentage of uncoded individuals | PNU = | 37 |

Site: PC84 Context: 019 Sample: 22/T - species list in rank order

| Taxon | Number | % | Rank | Ecodes |
|--------------------------------------|--------|----|------|--------|
| Oryzaephilus surinamensis (Linnaeus) | 3 | 16 | 1 | g |
| Dyschirius sp. | 1 | 5 | 2 | oa |
| Colymbetinae sp. | 1 | 5 | 2 | oa w |
| Helophorus sp. | 1 | 5 | 2 | oa w |
| Cercyon sp. | 1 | 5 | 2 | u |
| Hydrophilidae sp. | 1 | 5 | 2 | u |
| Carpelimus sp. | 1 | 5 | 2 | u |
| Anotylus tetracarlinatus (Block) | 1 | 5 | 2 | rt |
| ?Lathrobium sp. | 1 | 5 | 2 | u |
| Staphylininae sp. | 1 | 5 | 2 | u |
| Aleocharinae sp. | 1 | 5 | 2 | u |
| Aphodius sp. | 1 | 5 | 2 | ob rf |
| Dryops sp. | 1 | 5 | 2 | oa d |
| Ptinus ?fur (Linnaeus) | 1 | 5 | 2 | rd |
| Cryptolestes ferrugineus (Stephens) | 1 | 5 | 2 | g |
| Lathridius minutus group | 1 | 5 | 2 | rd |
| Coleoptera sp. | 1 | 5 | 2 | u |

Site: PC84 Context: 142 Sample: 23/T - beetle/bug main statistics

Erosion = 0 Fragmentation = 0; Weight = 1.000kg

| | | |
|------------------------------------|-----|---|
| Number of individuals estimated as | N = | 1 |
| Number of taxa | S = | 1 |

Site: PC84 Context: 142 Sample: 23/T - species list in rank order

| Taxon | Number | % | Rank | Ecodes |
|----------------|--------|-----|------|--------|
| Coleoptera sp. | 1 | 100 | 1 | u |

Site: PC84 Context: 139 Sample: 24/T - beetle/bug main statistics

Erosion = 2 Fragmentation = 4; Weight = 1.000kg

| | | |
|--|------------|----|
| Number of individuals estimated as | N = | 25 |
| Number of taxa | S = | 21 |
| Index of diversity (alpha) | alpha = | 60 |
| Standard error of alpha | SE alpha = | 31 |
| Number of 'certain' outdoor taxa | SOA = | 6 |
| Percentage of 'certain' outdoor taxa | %SOA = | 29 |
| Number of 'certain' outdoor individuals | NOA = | 7 |
| Percentage of 'certain' outdoor individuals | %NOA = | 28 |
| Number of 'certain' and probable outdoor taxa | SOB = | 9 |
| Percentage of 'certain' and probable outdoor taxa | %SOB = | 43 |
| Number of 'certain' and probable outdoor individuals | NOB = | 11 |
| Percentage 'certain' and probable outdoor individuals | %NOB = | 44 |
| Diversity index for OB not calculated, NOB = SOB or NOB < 20 | | |
| Number of aquatic taxa | SW = | 2 |
| Percentage of aquatic taxa | %SW = | 10 |
| Number of aquatic individuals | NW = | 3 |
| Percentage of aquatic individuals | %NW = | 12 |
| Number of damp ground/waterside taxa | SD = | 3 |
| Percentage of damp ground/waterside taxa | %SD = | 14 |
| Number of damp ground/waterside individuals | ND = | 3 |
| Percentage of damp ground/waterside individuals | %ND = | 12 |
| Number of strongly plant-associated taxa | SP = | 2 |
| Percentage of strongly plant-associated taxa | %SP = | 10 |
| 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 = | 5 |
| Percentage of decomposer taxa | %SRT = | 24 |
| Number of decomposer individuals | NRT = | 6 |
| Percentage of decomposer individuals | %NRT = | 24 |
| 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 = | 10 |
| Number of 'foul' decomposer individuals | NRF = | 3 |
| Percentage of 'foul' decomposer individuals | %NRF = | 12 |
| Diversity index for RT not calculated, NRT = SRT or NRT < 20 | | |
| Number of individuals of grain pests | NG = | 5 |
| Percentage of individuals of grain pests | %NG = | 20 |

| | | |
|--------------------------------------|-------|----|
| Number of individuals of grain pests | NG = | 5 |
| Number of uncoded taxa | SU = | 6 |
| Percentage of uncoded individuals | PNU = | 24 |

Site: PC84 Context: 139 Sample: 24/T - species list in rank order

| Taxon | Number | % | Rank | Ecodes |
|--------------------------------------|--------|----|------|--------|
| Oryzaephilus surinamensis (Linnaeus) | 3 | 12 | 1 | g |
| Helophorus sp. | 2 | 8 | 2 | oa w |
| Aphodius ?prodromus (Brahm) | 2 | 8 | 2 | ob rf |
| Carabidae sp. | 1 | 4 | 4 | ob |
| Hydroporinae sp. | 1 | 4 | 4 | oa w |
| ?Lesteva sp. | 1 | 4 | 4 | oa d |
| Platystethus ?nodifrons (Mannerheim) | 1 | 4 | 4 | oa d |
| Anotylus nitidulus (Gravenhorst) | 1 | 4 | 4 | rt d |
| Anotylus tetracarinatus (Block) | 1 | 4 | 4 | rt |
| Staphylininae sp. | 1 | 4 | 4 | u |
| Tachinus ?signatus Gravenhorst | 1 | 4 | 4 | u |
| Aleocharinae sp. A | 1 | 4 | 4 | u |
| Aleocharinae sp. B | 1 | 4 | 4 | u |
| Aphodius sp. | 1 | 4 | 4 | ob rf |
| Cryptolestes ferrugineus (Stephens) | 1 | 4 | 4 | g |
| Corticarina or Cortinicara sp. | 1 | 4 | 4 | rt |
| Palorus ratzeburgi (Wissman) | 1 | 4 | 4 | g |
| Longitarsus sp. | 1 | 4 | 4 | oa p |
| Ceutorhynchus contractus (Marsham) | 1 | 4 | 4 | oa p |
| Coleoptera sp. A | 1 | 4 | 4 | u |
| Coleoptera sp. B | 1 | 4 | 4 | u |

Site: PC84 Context: 150 Sample: 25/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 4; Weight = 0.750kg

| | | |
|--|------------|----|
| Number of individuals estimated as | N = | 32 |
| Number of taxa | S = | 20 |
| Index of diversity (alpha) | alpha = | 23 |
| Standard error of alpha | SE alpha = | 8 |
| Number of 'certain' outdoor taxa | SOA = | 2 |
| Percentage of 'certain' outdoor taxa | %SOA = | 10 |
| Number of 'certain' outdoor individuals | NOA = | 2 |
| Percentage of 'certain' outdoor individuals | %NOA = | 6 |
| Number of 'certain' and probable outdoor taxa | SOB = | 4 |
| Percentage of 'certain' and probable outdoor taxa | %SOB = | 20 |
| Number of 'certain' and probable outdoor individuals | NOB = | 4 |
| Percentage 'certain' and probable outdoor individuals | %NOB = | 13 |
| Diversity index for OB not calculated, NOB = SOB or NOB < 20 | | |
| Number of aquatic taxa | SW = | 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 = | 2 |
| Percentage of strongly plant-associated taxa | %SP = | 10 |
| 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 = | 45 |
| Number of decomposer individuals | NRT = | 9 |
| Percentage of decomposer individuals | %NRT = | 28 |
| Number of 'dry' decomposer taxa | SRD = | 4 |
| Percentage of 'dry' decomposer taxa | %SRD = | 20 |
| Number of 'dry' decomposer individuals | NRD = | 4 |
| Percentage of 'dry' decomposer individuals | %NRD = | 13 |
| Number of 'foul' decomposer taxa | SRF = | 1 |
| Percentage of 'foul' decomposer taxa | %SRF = | 5 |
| 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 = | 16 |
| Percentage of individuals of grain pests | %NG = | 50 |
| Number of individuals of grain pests | NG = | 16 |
| Number of uncoded taxa | SU = | 4 |
| Percentage of uncoded individuals | PNU = | 13 |

Site: PC84 Context: 150 Sample: 25/T - species list in rank order

| Taxon | Number | % | Rank | Ecodes |
|--------------------------------------|--------|----|------|--------|
| Oryzaephilus surinamensis (Linnaeus) | 7 | 22 | 1 | g |
| Cryptolestes ferrugineus (Stephens) | 5 | 16 | 2 | g |
| Palorus ratzeburgi (Wissman) | 2 | 6 | 3 | g |
| Sitophilus granarius (Linnaeus) | 2 | 6 | 3 | g |
| Carabidae sp. | 1 | 3 | 5 | ob |
| Cercyon analis (Paykull) | 1 | 3 | 5 | rt |
| Acritus nigricornis (Hoffmann) | 1 | 3 | 5 | rt |
| Oxytelus sculptus Gravenhorst | 1 | 3 | 5 | rt |
| Staphylininae sp. A | 1 | 3 | 5 | u |
| Staphylininae sp. B | 1 | 3 | 5 | u |
| ?Mycetoporus sp. | 1 | 3 | 5 | u |
| Aleocharinae sp. | 1 | 3 | 5 | u |
| Aphodius sp. | 1 | 3 | 5 | ob rf |
| ?Phyllopertha horticola (Linnaeus) | 1 | 3 | 5 | oa p |
| ?Ptinidae sp. | 1 | 3 | 5 | rd |
| Cryptophagus sp. | 1 | 3 | 5 | rd |
| Lathridius minutus group | 1 | 3 | 5 | rd |
| Typhaea stercorea (Linnaeus) | 1 | 3 | 5 | rd |
| ?Alphitobius sp. | 1 | 3 | 5 | rt |
| ?Barynotus sp. | 1 | 3 | 5 | oa p |

Site: PC84 Context: 153 Sample: 26/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

| | | |
|--|---------------|----|
| Number of individuals estimated as | N = | 82 |
| Number of taxa | S = | 34 |
| Index of diversity (alpha) | alpha = | 22 |
| Standard error of alpha | SE alpha = | 4 |
| Number of 'certain' outdoor taxa | SOA = | 5 |
| Percentage of 'certain' outdoor taxa | %SOA = | 15 |
| Number of 'certain' outdoor individuals | NOA = | 5 |
| Percentage of 'certain' outdoor individuals | %NOA = | 6 |
| Number of 'certain' and probable outdoor taxa | SOB = | 7 |
| Percentage of 'certain' and probable outdoor taxa | %SOB = | 21 |
| Number of 'certain' and probable outdoor individuals | NOB = | 7 |
| 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 = | 6 |
| Number of aquatic individuals | NW = | 2 |
| 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 = | 3 |
| Percentage of strongly plant-associated taxa | %SP = | 9 |
| Number of strongly plant-associated individuals | NP = | 3 |
| 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 = | 1 |
| Number of decomposer taxa | SRT = | 20 |
| Percentage of decomposer taxa | %SRT = | 59 |
| Number of decomposer individuals | NRT = | 26 |
| Percentage of decomposer individuals | %NRT = | 32 |
| Number of 'dry' decomposer taxa | SRD = | 6 |
| Percentage of 'dry' decomposer taxa | %SRD = | 18 |
| Number of 'dry' decomposer individuals | NRD = | 11 |
| Percentage of 'dry' decomposer individuals | %NRD = | 13 |
| 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 = | 2 |
| Index of diversity of decomposer component | alpha RT = | 41 |
| Standard error | SE alpha RT = | 19 |
| Number of individuals of grain pests | NG = | 44 |
| Percentage of individuals of grain pests | %NG = | 54 |
| NB - over 10% grain pests and n > 50: for corrected re-run see over. | | |
| Number of individuals of grain pests | NG = | 44 |
| Number of uncoded taxa | SU = | 3 |
| Percentage of uncoded individuals | PNU = | 6 |

**Site: PC84 Context: 153 Sample: 26/T - beetle/bug main statistics
re-run after subtraction of grain pest component**

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

| | | |
|--|---------------|----|
| Number of individuals estimated as | N = | 38 |
| Number of taxa | S = | 30 |
| Index of diversity (alpha) | alpha = | 65 |
| Standard error of alpha | SE alpha = | 25 |
| Number of 'certain' outdoor taxa | SOA = | 5 |
| Percentage of 'certain' outdoor taxa | %SOA = | 17 |
| Number of 'certain' outdoor individuals | NOA = | 5 |
| Percentage of 'certain' outdoor individuals | %NOA = | 13 |
| Number of 'certain' and probable outdoor taxa | SOB = | 7 |
| Percentage of 'certain' and probable outdoor taxa | %SOB = | 23 |
| Number of 'certain' and probable outdoor individuals | NOB = | 7 |
| Percentage 'certain' and probable outdoor individuals | %NOB = | 18 |
| Diversity index for OB not calculated, NOB = SOB or NOB < 20 | | |
| Number of aquatic taxa | SW = | 2 |
| Percentage of aquatic taxa | %SW = | 7 |
| Number of aquatic individuals | NW = | 2 |
| 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 = | 3 |
| Percentage of strongly plant-associated taxa | %SP = | 10 |
| Number of strongly plant-associated individuals | NP = | 3 |
| Percentage of strongly plant-associated individuals | %NP = | 8 |
| Number of heathland/moorland taxa | SM = | 0 |
| Number of heathland/moorland individuals | NM = | 0 |
| Percentage of heathland/moorland individuals | %NM = | 0 |
| Number of wood-associated taxa | SL = | 1 |
| Number of wood-associated individuals | NL = | 1 |
| Percentage of wood-associated individuals | %NL = | 3 |
| Number of decomposer taxa | SRT = | 20 |
| Percentage of decomposer taxa | %SRT = | 67 |
| Number of decomposer individuals | NRT = | 26 |
| Percentage of decomposer individuals | %NRT = | 68 |
| Number of 'dry' decomposer taxa | SRD = | 6 |
| Percentage of 'dry' decomposer taxa | %SRD = | 20 |
| Number of 'dry' decomposer individuals | NRD = | 11 |
| Percentage of 'dry' decomposer individuals | %NRD = | 29 |
| Number of 'foul' decomposer taxa | SRF = | 2 |
| Percentage of 'foul' decomposer taxa | %SRF = | 7 |
| Number of 'foul' decomposer individuals | NRF = | 2 |
| Percentage of 'foul' decomposer individuals | %NRF = | 5 |
| Index of diversity of decomposer component | alpha RT = | 41 |
| Standard error | SE alpha RT = | 19 |
| Number of individuals of grain pests | NG = | 44 |
| Number of uncoded taxa | SU = | 3 |
| Percentage of uncoded individuals | PNU = | 13 |

Site: PC84 Context: 153 Sample: 26/T - species list in rank order

| Taxon | Number | % | Rank | Ecodes |
|---------------------------------------|--------|----|------|--------|
| Cryptolestes ferrugineus (Stephens) | 23 | 28 | 1 | g |
| Oryzaeophilus surinamensis (Linnaeus) | 17 | 21 | 2 | g |
| Lathridius minutus group | 4 | 5 | 3 | rd |
| Xylodromus concinnus (Marsham) | 2 | 2 | 4 | rt |
| Aleocharinae sp. A | 2 | 2 | 4 | u |
| Aleocharinae sp. B | 2 | 2 | 4 | u |
| Cryptophagus sp. A | 2 | 2 | 4 | rd |
| Cryptophagus sp. B | 2 | 2 | 4 | rd |
| Palorus ratzeburgi (Wissman) | 2 | 2 | 4 | g |
| Sitophilus granarius (Linnaeus) | 2 | 2 | 4 | g |
| Carabidae sp. | 1 | 1 | 11 | ob |
| Helophorus sp. | 1 | 1 | 11 | oa w |
| Ochthebius sp. | 1 | 1 | 11 | oa w |
| Acrotrichis sp. | 1 | 1 | 11 | rt |
| Coprophilus striatulus (Fabricius) | 1 | 1 | 11 | rt |
| Carpelimus ?bilineatus Stephens | 1 | 1 | 11 | rt |
| Platystethus arenarius (Fourcroy) | 1 | 1 | 11 | rf |
| Anotylus rugosus (Fabricius) | 1 | 1 | 11 | rt |
| Oxytelus sculptus Gravenhorst | 1 | 1 | 11 | rt |
| Gyrophypnus fracticornis (Muller) | 1 | 1 | 11 | rt |
| Philonthus sp. | 1 | 1 | 11 | u |
| Aphodius sp. | 1 | 1 | 11 | ob rf |
| Phyllopertha horticola (Linnaeus) | 1 | 1 | 11 | oa p |
| Anobium punctatum (Degeer) | 1 | 1 | 11 | l |
| Ptinus ?fur (Linnaeus) | 1 | 1 | 11 | rd |
| Omosita colon (Linnaeus) | 1 | 1 | 11 | rt |
| Atomaria sp. | 1 | 1 | 11 | rd |
| Corticaria sp. | 1 | 1 | 11 | rt |
| Corticarina sp. | 1 | 1 | 11 | rt |
| Typhaea stercorea (Linnaeus) | 1 | 1 | 11 | rd |
| Alphitobius diaperinus (Panzer) | 1 | 1 | 11 | rt |
| Anthicus sp. | 1 | 1 | 11 | rt |
| Longitarsus sp. | 1 | 1 | 11 | oa p |
| ?Psylliodes sp. | 1 | 1 | 11 | oa p |

Site: PC84 Context: 154 Sample: 30/T - beetle/bug main statistics

Erosion = 2 Fragmentation = 3; Weight = 1.000kg

| | | |
|--|------------|----|
| Number of individuals estimated as | N = | 48 |
| Number of taxa | S = | 23 |
| Index of diversity (alpha) | alpha = | 18 |
| Standard error of alpha | SE alpha = | 4 |
| Number of 'certain' outdoor taxa | SOA = | 4 |
| Percentage of 'certain' outdoor taxa | %SOA = | 17 |
| Number of 'certain' outdoor individuals | NOA = | 4 |
| Percentage of 'certain' outdoor individuals | %NOA = | 8 |
| Number of 'certain' and probable outdoor taxa | SOB = | 7 |
| Percentage of 'certain' and probable outdoor taxa | %SOB = | 30 |
| Number of 'certain' and probable outdoor individuals | NOB = | 7 |
| Percentage 'certain' and probable outdoor individuals | %NOB = | 15 |
| 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 = | 3 |
| Percentage of strongly plant-associated taxa | %SP = | 13 |
| Number of strongly plant-associated individuals | NP = | 3 |
| 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 = | 2 |
| Number of wood-associated individuals | NL = | 2 |
| Percentage of wood-associated individuals | %NL = | 4 |
| Number of decomposer taxa | SRT = | 10 |
| Percentage of decomposer taxa | %SRT = | 43 |
| Number of decomposer individuals | NRT = | 12 |
| Percentage of decomposer individuals | %NRT = | 25 |
| Number of 'dry' decomposer taxa | SRD = | 5 |
| Percentage of 'dry' decomposer taxa | %SRD = | 22 |
| Number of 'dry' decomposer individuals | NRD = | 7 |
| Percentage of 'dry' decomposer individuals | %NRD = | 15 |
| Number of 'foul' decomposer taxa | SRF = | 2 |
| Percentage of 'foul' decomposer taxa | %SRF = | 9 |
| 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 = | 26 |
| Percentage of individuals of grain pests | %NG = | 54 |
| Number of individuals of grain pests | NG = | 26 |
| Number of uncoded taxa | SU = | 2 |
| Percentage of uncoded individuals | PNU = | 4 |

Site: PC84 Context: 154 Sample: 30/T - species list in rank order

| Taxon | Number | % | Rank | Ecodes |
|--------------------------------------|--------|----|------|--------|
| Oryzaephilus surinamensis (Linnaeus) | 17 | 35 | 1 | g |
| Cryptolestes ferrugineus (Stephens) | 8 | 17 | 2 | g |
| Lathridius minutus group | 3 | 6 | 3 | rd |
| Carabidae sp. | 1 | 2 | 4 | ob |
| Cercyon atricapillus (Marsham) | 1 | 2 | 4 | rf |
| Cercyon sp. | 1 | 2 | 4 | u |
| Histerinae sp. | 1 | 2 | 4 | u |
| Oxytelus ?sculptus Gravenhorst | 1 | 2 | 4 | rt |
| Falagria or Cordalia sp. | 1 | 2 | 4 | rt |
| Aphodius sp. | 1 | 2 | 4 | ob rf |
| Elateridae sp. | 1 | 2 | 4 | ob |
| Anobium punctatum (Degeer) | 1 | 2 | 4 | l |
| Ptinus sp. | 1 | 2 | 4 | rd |
| Cryptophagus sp. | 1 | 2 | 4 | rd |
| Atomaria sp. A | 1 | 2 | 4 | rd |

| | | | | |
|------------------------------------|---|---|---|------|
| Atomaria sp. B | 1 | 2 | 4 | rd |
| Alphitobius sp. | 1 | 2 | 4 | rt |
| Longitarsus sp. | 1 | 2 | 4 | oa p |
| Chrysomelidae sp. | 1 | 2 | 4 | oa p |
| Sitophilus granarius (Linnaeus) | 1 | 2 | 4 | g |
| Ceutorhynchus contractus (Marsham) | 1 | 2 | 4 | oa p |
| Curculionidae sp. | 1 | 2 | 4 | oa |
| ?Scolytidae sp. | 1 | 2 | 4 | l |

Site: PC84 Context: 188 Sample: 33/T - beetle/bug main statistics

Erosion = 3 Fragmentation = 3; Weight = 1.000kg

| | | |
|--|------------|----|
| Number of individuals estimated as | N = | 28 |
| Number of taxa | S = | 20 |
| Index of diversity (alpha) | alpha = | 32 |
| Standard error of alpha | SE alpha = | 13 |
| Number of 'certain' outdoor taxa | SOA = | 4 |
| Percentage of 'certain' outdoor taxa | %SOA = | 20 |
| Number of 'certain' outdoor individuals | NOA = | 4 |
| Percentage of 'certain' outdoor individuals | %NOA = | 14 |
| Number of 'certain' and probable outdoor taxa | SOB = | 5 |
| Percentage of 'certain' and probable outdoor taxa | %SOB = | 25 |
| Number of 'certain' and probable outdoor individuals | NOB = | 5 |
| Percentage 'certain' and probable outdoor individuals | %NOB = | 18 |
| Diversity index for OB not calculated, NOB = SOB or NOB < 20 | | |
| Number of aquatic taxa | SW = | 0 |
| Percentage of aquatic taxa | %SW = | 0 |
| Number of aquatic individuals | NW = | 0 |
| Percentage of aquatic individuals | %NW = | 0 |
| Number of damp ground/waterside taxa | SD = | 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 = | 15 |
| Number of strongly plant-associated individuals | NP = | 3 |
| Percentage of strongly plant-associated individuals | %NP = | 11 |
| Number of heathland/moorland taxa | SM = | 0 |
| Number of heathland/moorland individuals | NM = | 0 |
| Percentage of heathland/moorland individuals | %NM = | 0 |
| Number of wood-associated taxa | SL = | 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 = | 45 |
| Number of decomposer individuals | NRT = | 12 |
| Percentage of decomposer individuals | %NRT = | 43 |
| Number of 'dry' decomposer taxa | SRD = | 5 |
| Percentage of 'dry' decomposer taxa | %SRD = | 25 |
| Number of 'dry' decomposer individuals | NRD = | 8 |
| Percentage of 'dry' decomposer individuals | %NRD = | 29 |
| Number of 'foul' decomposer taxa | SRF = | 2 |
| Percentage of 'foul' decomposer taxa | %SRF = | 10 |
| 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 = 9
 Percentage of individuals of grain pests %NG = 32
 Number of individuals of grain pests NG = 9
 Number of uncoded taxa SU = 4
 Percentage of uncoded individuals PNU = 14

Site: PC84 Context: 188 Sample: 33/T - species list in rank order

| Taxon | Number | % | Rank | Ecodes |
|--------------------------------------|--------|----|------|--------|
| Cryptolestes ferrugineus (Stephens) | 4 | 14 | 1 | g |
| Lathridius minutus group | 4 | 14 | 1 | rd |
| Oryzaephilus surinamensis (Linnaeus) | 3 | 11 | 3 | g |
| Auchenorhyncha sp. | 1 | 4 | 4 | oa p |
| Cercyon sp. | 1 | 4 | 4 | u |
| Silpha atrata Linnaeus | 1 | 4 | 4 | u |
| Xylodromus ?concinus (Marsham) | 1 | 4 | 4 | rt |
| Carpelimus sp. | 1 | 4 | 4 | u |
| Aleocharinae sp. | 1 | 4 | 4 | u |
| Geotrupes sp. | 1 | 4 | 4 | oa rf |
| Aphodius or Colobopterus sp. | 1 | 4 | 4 | ob rf |
| Dascillus cervinus (Linnaeus) | 1 | 4 | 4 | oa p |
| Ptinus ?fur (Linnaeus) | 1 | 4 | 4 | rd |
| Cryptophagus ?scutellatus Newman | 1 | 4 | 4 | rd |
| Cryptophagus sp. | 1 | 4 | 4 | rd |
| ?Typhaea stercorea (Linnaeus) | 1 | 4 | 4 | rd |
| Palorus ratzeburgi (Wissman) | 1 | 4 | 4 | g |
| ?Anthicus sp. | 1 | 4 | 4 | rt |
| Apion sp. | 1 | 4 | 4 | oa p |
| Sitophilus granarius (Linnaeus) | 1 | 4 | 4 | g |

Site: PC84; Context: 302; Sample: 37/T

NO RECORDS OF BEETLES OR BUGS

Site: PC84; Context: 017; Sample: 50/T

NO RECORDS OF BEETLES OR BUGS

Site: PC84 Context: 353 Sample: 60/T - beetle/bug main statistics

Erosion = 2 Fragmentation = 3; Weight = 1.000kg

Number of individuals estimated as N = 58
 Number of taxa S = 38
 Index of diversity (alpha) alpha = 48
 Standard error of alpha SE alpha = 12
 Number of 'certain' outdoor taxa SOA = 8
 Percentage of 'certain' outdoor taxa %SOA = 21

| | | |
|--|---------------|----|
| Number of 'certain' outdoor individuals | NOA = | 8 |
| Percentage of 'certain' outdoor individuals | %NOA = | 14 |
| Number of 'certain' and probable outdoor taxa | SOB = | 9 |
| Percentage of 'certain' and probable outdoor taxa | %SOB = | 24 |
| Number of 'certain' and probable outdoor individuals | NOB = | 9 |
| Percentage 'certain' and probable outdoor individuals | %NOB = | 16 |
| Diversity index for OB not calculated, NOB = SOB or NOB < 20 | | |
| Number of aquatic taxa | SW = | 1 |
| Percentage of aquatic taxa | %SW = | 3 |
| 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 = | 3 |
| Number of damp ground/waterside individuals | ND = | 1 |
| Percentage of damp ground/waterside individuals | %ND = | 2 |
| Number of strongly plant-associated taxa | SP = | 7 |
| Percentage of strongly plant-associated taxa | %SP = | 18 |
| Number of strongly plant-associated individuals | NP = | 7 |
| Percentage of strongly plant-associated individuals | %NP = | 12 |
| Number of heathland/moorland taxa | SM = | 0 |
| Number of heathland/moorland individuals | NM = | 0 |
| Percentage of heathland/moorland individuals | %NM = | 0 |
| Number of wood-associated taxa | SL = | 1 |
| Number of wood-associated individuals | NL = | 1 |
| Percentage of wood-associated individuals | %NL = | 2 |
| Number of decomposer taxa | SRT = | 15 |
| Percentage of decomposer taxa | %SRT = | 39 |
| Number of decomposer individuals | NRT = | 22 |
| Percentage of decomposer individuals | %NRT = | 38 |
| Number of 'dry' decomposer taxa | SRD = | 6 |
| Percentage of 'dry' decomposer taxa | %SRD = | 16 |
| Number of 'dry' decomposer individuals | NRD = | 9 |
| Percentage of 'dry' decomposer individuals | %NRD = | 16 |
| Number of 'foul' decomposer taxa | SRF = | 3 |
| Percentage of 'foul' decomposer taxa | %SRF = | 8 |
| Number of 'foul' decomposer individuals | NRF = | 4 |
| Percentage of 'foul' decomposer individuals | %NRF = | 7 |
| Index of diversity of decomposer component | alpha RT = | 21 |
| Standard error | SE alpha RT = | 9 |
| Number of individuals of grain pests | NG = | 17 |
| Percentage of individuals of grain pests | %NG = | 29 |
| NB - over 10% grain pests and n > 50: for corrected re-run see over. | | |
| Number of individuals of grain pests | NG = | 17 |
| Number of uncoded taxa | SU = | 10 |
| Percentage of uncoded individuals | PNU = | 17 |

**Site: PC84 Context: 353 Sample: 60/T - beetle/bug main statistics
re-run after subtraction of grain pest component**

Erosion = 2 Fragmentation = 3; Weight = 1.000kg

| | | |
|------------------------------------|------------|----|
| Number of individuals estimated as | N = | 41 |
| Number of taxa | S = | 34 |
| Index of diversity (alpha) | alpha = | 92 |
| Standard error of alpha | SE alpha = | 37 |
| Number of 'certain' outdoor taxa | SOA = | 8 |

| | | |
|--|---------------|----|
| Percentage of 'certain' outdoor taxa | %SOA = | 24 |
| Number of 'certain' outdoor individuals | NOA = | 8 |
| Percentage of 'certain' outdoor individuals | %NOA = | 20 |
| 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 = | 9 |
| Percentage 'certain' and probable outdoor individuals | %NOB = | 22 |
| Diversity index for OB not calculated, NOB = SOB or NOB < 20 | | |
| Number of aquatic taxa | SW = | 1 |
| Percentage of aquatic taxa | %SW = | 3 |
| 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 = | 3 |
| Number of damp ground/waterside individuals | ND = | 1 |
| Percentage of damp ground/waterside individuals | %ND = | 2 |
| Number of strongly plant-associated taxa | SP = | 7 |
| Percentage of strongly plant-associated taxa | %SP = | 21 |
| Number of strongly plant-associated individuals | NP = | 7 |
| Percentage of strongly plant-associated individuals | %NP = | 17 |
| 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 = | 15 |
| Percentage of decomposer taxa | %SRT = | 44 |
| Number of decomposer individuals | NRT = | 22 |
| Percentage of decomposer individuals | %NRT = | 54 |
| Number of 'dry' decomposer taxa | SRD = | 6 |
| Percentage of 'dry' decomposer taxa | %SRD = | 18 |
| Number of 'dry' decomposer individuals | NRD = | 9 |
| Percentage of 'dry' decomposer individuals | %NRD = | 22 |
| Number of 'foul' decomposer taxa | SRF = | 3 |
| Percentage of 'foul' decomposer taxa | %SRF = | 9 |
| Number of 'foul' decomposer individuals | NRF = | 4 |
| Percentage of 'foul' decomposer individuals | %NRF = | 10 |
| Index of diversity of decomposer component | alpha RT = | 21 |
| Standard error | SE alpha RT = | 9 |
| Number of individuals of grain pests | NG = | 17 |
| Number of uncoded taxa | SU = | 10 |
| Percentage of uncoded individuals | PNU = | 24 |

Site: PC84 Context: 353 Sample: 60/T - species list in rank order

| Taxon | Number | % | Rank | Ecodes |
|--------------------------------------|--------|----|------|--------|
| Cryptolestes ferrugineus (Stephens) | 10 | 17 | 1 | g |
| Oryzaephilus surinamensis (Linnaeus) | 4 | 7 | 2 | g |
| Cryptophagus sp. R | 3 | 5 | 3 | rd |
| Corticaria sp. | 3 | 5 | 3 | rt |
| Cercyon haemorrhoidalis (Fabricius) | 2 | 3 | 5 | rf |
| Megasternum obscurum (Marsham) | 2 | 3 | 5 | rt |
| Lathridius minutus group | 2 | 3 | 5 | rd |
| Sitophilus granarius (Linnaeus) | 2 | 3 | 5 | g |

| | | | | |
|--|---|---|---|-------|
| Drymus sylvaticus (Fabricius) | 1 | 2 | 9 | oa p |
| Heteroptera sp. | 1 | 2 | 9 | u |
| Auchenorhyncha sp. | 1 | 2 | 9 | oa p |
| Helophorus sp. | 1 | 2 | 9 | oa w |
| Histerinae sp. | 1 | 2 | 9 | u |
| Ptenidium sp. | 1 | 2 | 9 | rt |
| Xylodromus concinnus (Marsham) | 1 | 2 | 9 | rt |
| Platystethus arenarius (Fourcroy) | 1 | 2 | 9 | rf |
| Anotylus nitidulus (Gravenhorst) | 1 | 2 | 9 | rt d |
| Stenus sp. | 1 | 2 | 9 | u |
| Othius sp. | 1 | 2 | 9 | rt |
| Neobisnius sp. | 1 | 2 | 9 | u |
| 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 |
| Aleocharinae sp. D | 1 | 2 | 9 | u |
| Aphodius sp. | 1 | 2 | 9 | ob rf |
| Anobium punctatum (Degeer) | 1 | 2 | 9 | l |
| Ptinus ?fur (Linnaeus) | 1 | 2 | 9 | rd |
| Atomaria sp. A | 1 | 2 | 9 | rd |
| Atomaria sp. B | 1 | 2 | 9 | rd |
| Typhaea stercorea (Linnaeus) | 1 | 2 | 9 | rd |
| Palorus ratzeburgi (Wissman) | 1 | 2 | 9 | g |
| Phyllotreta nemorum group | 1 | 2 | 9 | oa p |
| Halticinae sp. A | 1 | 2 | 9 | oa p |
| Halticinae sp. B | 1 | 2 | 9 | oa p |
| Apion sp. | 1 | 2 | 9 | oa p |
| Ceuthorrhynchidius troglodytes (Fabricius) | 1 | 2 | 9 | oa p |