Appendix. Total arthropods captured during the study. To provide an indication of whether genera are likely to prefer patch or matrix habitat, superscripts are used to indicate taxa that were significantly more abundant in pitfalls near the patch center (i.e. the locations used in this study) or at the patch edge (locations used as part of another study, Orrock, unpublished data). Asterisks indicate significance from Wilcoxon signed-rank tests (\*P < 0.1; \*\*P < 0.05; \*\*\*P < 0.01).

|  |  |  |  |
| --- | --- | --- | --- |
| Order | Family | Genus | Number captured |
| Araneae | Amaurobiidae | *Amaurobius* | 3 |
| Araneae | Clubionidae | *Clubiona* | 15 |
| Araneae | Gnaphosidae | *Callilepsis* | 189 |
| Araneae | Lycosidae | *Lycosas* | 227 |
| Araneae | Salticidae | *Pellenes* | 30 |
| Araneae | Thomisidae | *Xysticus* | 14 |
| Blattodea | Blattidae | *Parcoblatta* P\*\*\* | 315 |
| Coleoptera | Carabidae | *Agonum* | 64 |
| Coleoptera | Carabidae | *Amara* P\*\*\* | 139 |
| Coleoptera | Carabidae | *Calosoma* | 3 |
| Coleoptera | Carabidae | *Canthon* | 206 |
| Coleoptera | Carabidae | *Carabus* | 11 |
| Coleoptera | Carabidae | *Chlaeinus* | 4 |
| Coleoptera | Carabidae | *Harpalus* | 13 |
| Coleoptera | Carabidae | *Helluomorphoides* | 7 |
| Coleoptera | Carabidae | *Pasimachus* | 6 |
| Coleoptera | Carabidae | *Pterostichus* | 150 |
| Coleoptera | Carabidae | *Scaphinotus* | 2 |
| Coleoptera | Cerambycidae | *Prionus* | 2 |
| Coleoptera | Chrysomelidae | *Dysonycha* | 5 |
| Coleoptera | Cicindelidae | *Cicindela* P\*\*\* | 607 |
| Coleoptera | Cicindelidae | *Megacephala* | 66 |
| Coleoptera | Curculionidae | *Ampeloglypter* | 12 |
| Coleoptera | Curculionidae | *Sphenonophorus* | 20 |
| Coleoptera | Elateridae | *Melanotus* P\*\* | 17 |
| Coleoptera | Meloidae | *Epicauta* | 14 |
| Coleoptera | Scarabidae | *Copris* | 38 |
| Coleoptera | Scarabidae | *Phanaeus* | 4 |
| Coleoptera | Scarabidae | *Serica* | 47 |
| Coleoptera | Tenebrionidae | *Lobopoda* | 3 |
| Coleoptera | Tenebrionidae | *Tenebrio* P\*\*\* | 29 |
| Diptera | Asilidae | *Selenodon* | 7 |
| Diptera | Asilidae | *Tolmerus* | 3 |
| Hemiptera | Alydidae | *Alydus* P\*\*\* | 248 |
| Hemiptera | Lygaeidae | *Myodocha* | 128 |
| Hemiptera | Pentatomidae | *Euschistus* | 3 |
| Hemiptera | Pentatomidae | *Pangaeus* | 115 |
| Hymenoptera | Formicidae | *Aphaenogaster*M\*\*\* | 52 |
| Hymenoptera | Formicidae | *Camponotus* | 46 |
| Hymenoptera | Formicidae | *Crematogaster* M\*\*\* | 390 |
| Hymenoptera | Formicidae | *Dorymyrmex* P\*\*\* | 12944 |
| Hymenoptera | Formicidae | *Dolichoderus* | 41 |
| Hymenoptera | Formicidae | *Formica* P\*\*\* | 1022 |
| Hymenoptera | Formicidae | *Hypoponera* | 24 |
| Hymenoptera | Formicidae | *Myrmica* P\*\*\* | 373 |
| Hymenoptera | Formicidae | *Neivamyrmex* | 196 |
| Hymenoptera | Formicidae | *Pheidole* | 3392 |
| Hymenoptera | Formicidae | *Pogonomyrmex badius* P\*\*\* | 1275 |
| Hymenoptera | Formicidae | *Solenopsis* P\*\*\* | 9368 |
| Hymenoptera | Formicidae | *Trachymyrmex* | 126 |
| Hymenoptera | Mutillidae | *Dasymutilla* P\* | 221 |
| Orthoptera | Acrididae | *Arphia* | 104 |
| Orthoptera | Acrididae | *Hippiscus* P\*\* | 518 |
| Orthoptera | Acrididae | *Melanoplus* P\*\* | 177 |
| Orthoptera | Acrididae | *Pardalophora* | 35 |
| Orthoptera | Gryllidae | *Ceuthophilus* M\*\*\* | 148 |
| Orthoptera | Gryllidae | *Gryllus* | 465 |
| Orthoptera | Gryllotalpidae | *Gryllotalpa* | 2 |
|  |  |  |  |

P = genus more abundant at the patch center

M = genus more abundant at the patch edge, adjacent to matrix habitat