Taxonomic distribution of arthropods. “Total” column indicates total number of individuals collected per taxon. Other columns indicate the number of host-plant patches (n = 144) for which each taxon is represented at or greater than the column-labelled proportion of all arthropods. Final column is number of host-plant patches for which each taxon is the only arthropod taxon represented. Only arthropods greater than or equal to 5mm in body length are included. Taxa collected but not represented here due to small body size include (Aranea: Anyphaenidae, Dictynidae, Liocranidae, Philodromidae, Theridiidae), (Hemiptera: Tingidae, Psyllidae), Acari, and Colembola.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  |  |  |  |  |  |  |  |  |
| **Taxon** | | **Total** | **0** | **0.1** | **0.2** | **0.3** | **0.4** | **0.5** | **0.6** | **0.7** | **0.8** | **0.9** | **1** |
| Lepidoptera† | | 674 | 113 | 109 | 98 | 88 | 64 | 48 | 39 | 30 | 19 | 17 | 15 |
|  | Geometridae | 565 | 106 | 100 | 87 | 74 | 51 | 36 | 27 | 24 | 15 | 10 | 10 |
|  | Noctuidae | 16 | 11 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | Other1 | 93 | 60 | 30 | 10 | 5 | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| Phasmatodea | |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *Timema* | 421 | 94 | 85 | 66 | 52 | 37 | 21 | 17 | 11 | 9 | 6 | 6 |
| Hemiptera | | 176 | 59 | 40 | 15 | 13 | 9 | 2 | 1 | 1 | 1 | 1 | 1 |
|  | Miridae | 90 | 35 | 17 | 8 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | Cicadelidae | 59 | 29 | 13 | 6 | 5 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
|  | Pentitomidae | 9 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | Issidae | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | Coccidae | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | Membracidae | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | Reduviidae | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | Other | 8 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coleoptera | | 94 | 51 | 22 | 11 | 7 | 4 | 1 | 1 | 0 | 0 | 0 | 0 |
|  | Crysomelidae | 29 | 16 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | Cerambyciade | 12 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | Curculionidae | 6 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | Coccinelidae | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | Elateridae | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | Other | 44 | 33 | 14 | 6 | 5 | 3 | 1 | 1 | 0 | 0 | 0 | 0 |
| Aranea | | 58 | 42 | 16 | 5 | 4 | 3 | 2 | 2 | 2 | 2 | 2 | 2 |
|  | Salticidae | 49 | 38 | 13 | 5 | 4 | 3 | 2 | 2 | 2 | 2 | 2 | 2 |
|  | Thomisidae | 5 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | Araneidae | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hymenoptera | | 48 | 26 | 12 | 5 | 4 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
|  | Symphyta† | 48 | 26 | 12 | 5 | 4 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
|  | Formicidae | 27 | 23 | 9 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
|  | Other | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Orthoptera | | 15 | 10 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Raphidioptera | | 10 | 8 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Neuroptera2 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Diptera | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

† larvae only

1 largely microlepidoptera

2 Chrysopidae adult