

## Notable invertebrates associated with ancient and species-rich hedgerows

### Spiders and allies (Arachnida: Araneae and Pseudoscorpiones)

|                              |                  |
|------------------------------|------------------|
| <i>Theridion pinastri</i>    | RDBK             |
| <i>Achaeearanea simulans</i> | Nb               |
| <i>Philodromus albidus</i>   | Nb               |
| <i>Philodromus praedatus</i> | Nb on mature oak |
| <i>Zilla diodia</i>          | Nb               |

### Grasshoppers, crickets, earwigs and cockroaches (Orthoptera/Dermaptera/Dictyoptera)

|  |                                    |
|--|------------------------------------|
| <i>Nemobius sylvestris</i>   | Na Ancient hedgerows near woodland |
| <i>Omocestus rufipes</i>   | Nb                                 |
| <i>Ectobius lapponicus</i>   | Nb Ancient hedgerows near woodland |
| <i>Ectobius pallidus</i>   | Nb                                 |
| <i>Ectobius panzeri</i>  | Nb Ancient hedgerows near woodland |
| <i>Apterygida media</i>  | Nb                                 |
| <i>Forficula lesnei</i>  | Nb                                 |
| <i>Tettigonia viridissima</i> , which has been recorded from this habitat, is not a Notable species, but has become the subject of a BAP in Devon. |                                    |

### True Bugs (Hemiptera)

#### Heteroptera

|                                 |                            |
|---------------------------------|----------------------------|
| <i>Gonocerus acuteangulatus</i> | RDB1 box, hawthorn         |
| <i>Raglius alboacuminatus</i>   | Nb black horehound         |
| <i>Acalypta platycheila</i>     | Nb hawthorn                |
| <i>Myrmedobia coleoprata</i>    | Nb dead leaves under hedge |
| <i>Empicoris baerunsprungi</i>  | Na predatory               |
| <i>Deraeocoris olivaceus</i>    | Nb hawthorn in heavy fruit |

### Leafhoppers, planthoppers, froghoppers, treehoppers & cicadas (Auchenorrhyncha)

|                            |                              |
|----------------------------|------------------------------|
| <i>Lassus scutellaris</i>  | Nb hedgerow English elm only |
| <i>Kyboasca bipunctata</i> | Nb hedgerow English elm only |
| <i>Macropsis mendax</i>    | Nb suckering English elm     |

### Flies(Diptera)

#### Snail-killing flies, picture-wing flies, grass flies and allies (Acalyptrata)

|   |                                    |
|---|------------------------------------|
| <i>Paraclusia tigrina</i> (Clusiidae)       | RDB2 dead wood on live tree trunks |
| <i>Goniglossum wiedemanni</i> (Tephritidae) | N white bryony berries             |
| <i>Leucopis griseola</i> (Chamaemyiidae)    | N predator: in elm leaf-galls      |
| <i>Odinia mejerei</i> (Odiniidae)           | N predator: elm dead wood          |
| <i>Sapromyza albiceps</i> (Lauxaniidae)     | N leaf litter?                     |

#### Craneflies (Tipulidae)

|                             |    |
|-----------------------------|----|
| <i>Limonia maculipennis</i> | NK |
| <i>Tipula peliostigma</i>   | NK |
| <i>Limonia stigma</i>       |    |

#### Blowflies, dung flies, flesh flies and allies (Calypttrata)

|   |      |
|---|------|
| <i>Macronychia polyodon</i> (Sarcophagidae) | RDB3 |
|---|------|

|                                    |                     |  |
|------------------------------------|---------------------|--|
| <i>Eggisops pecchiolii</i>         | (Calliphoridae)     | N  |
| <i>Macronychia striginervis</i>    | (Sarcophagidae)     | N  |
| Beetles (Coleoptera)               |                     |  |
| Ground beetles (Carabididae)       |                     |  |
| <i>Ophonus laticollis</i>          | Species Statement   | Na   |
| Leaf beetles (Chrysomelidae)       |                     |  |
| <i>Psylliodes luteola</i>          |                     | RDBK marsh thistle?                                      |
| <i>Aphthona nigriceps</i>          |                     | Na meadow cranesbill                                     |
| <i>Chrysolina oricalcia</i>        |                     | Nb cow parsley, also upright hedge parsley, hemlock etc. |
| <i>Chrysolina sanguinolenta</i>    |                     | Na toadflax  |
| <i>Cryptocephalus frontalis</i>    |                     | Na hawthorn  |
| <i>Longitarsus agilis</i>          |                     | Na figwort   |
| <i>Longitarsus ballotae</i>        |                     | Nb black horehound and white horehound                   |
| <i>Longitarsus suturalis</i>       |                     | Nb gromwell  |
| <i>Mantura rustica</i>             |                     | Nb broad-leaved docks                                    |
| Weevils (Curculionoidea)           |                     |  |
| <i>Dissoleucas niveirostris</i>    |                     | RDB2 dead wood   |
| <i>Anthonomus chevrolati</i>       |                     | RDBIK hawthorn; deformed leaf trusses                    |
| <i>Anthonomus rufus</i>            |                     | RDB3 sloe: buds & trusses                                |
| <i>Anthribus fasciatus</i>         |                     | Na predacious on scale insects                           |
| <i>Anthribus nebulosus</i>         |                     | Nb predacious on scale insects                           |
| <i>Platyrhinus resinosus</i>       |                     | Nb fungus <i>Daldinia concentrica</i> : mainly on ash    |
| <i>Choragus sheppardi</i>          |                     | Na ivy   |
| <i>Attactagenus plumbeus</i>       |                     | Nb polyphagous root feeder                               |
| <i>Brachysomus echinatus</i>       |                     | Nb polyphagous root feeder                               |
| <i>Mitoplinthus caliginosus</i>    |                     | Na hop hulms   |
| Stag beetles (Lucanidae)           |                     |  |
| <i>Lucanus cervus</i>              | Greater stag beetle | BAP Priority Nb  |
| Long-horned beetles (Cerambycidae) |                     |  |
| <i>Gracilia minuta</i>             |                     | RDB2   |
| <i>Anaglyptus mysticus</i>         |                     | Nb   |
| <i>Aromia moschata</i>             |                     | Nb   |
| <i>Molorchus umbellatarum</i>      |                     | Na   |
| <i>Phymatodes alni</i>             |                     | Nb   |
| <i>Phytoecia cylindrica</i>        |                     | Nb   |
| Click beetles (Buprestidae)        |                     |  |
| <i>Agrilus biguttatus</i>          |                     | Na   |
| <i>Agrilus laticornis</i>          |                     | Nb   |
| <i>Agrilus sinuatus</i>            |                     | Na   |

Caddis flies (Trichoptera)

|                                 |        |
|---------------------------------|--------|
| <i>Stenophylax permistus</i>    | Common |
| <i>Glyptotaelius pellucidus</i> | Common |
| <i>Limnephilus auricula</i>     | Common |
| <i>Limnephilus incisus</i>      | Common |
| <i>Micropterna lateralis</i>    | Common |

Ants, bees and wasps(Hymenoptera: Aculeata)

|                             |                  |
|-----------------------------|------------------|
| <i>Chrysis gracillima</i>   | RDB2             |
| <i>Pemphredon austriaca</i> | RDB3             |
| <i>Pemphredon morio</i>     | RDB3, Nb, Scarce |
| <i>Andrena proxima</i>      | RDB3             |
| <i>Diodontus tristis</i>    | Scarce           |