



# Species List

The species collected in your Malaise trap are listed below. They are organized by group and are listed in the order of the 'Species Image Library'. 'New' refers to species that are brand new to our DNA barcode library. 'Rare' refers to species that were only collected in your trap out of all 81 that were deployed for the program.

| Species # | Group (scientific name)          | Species common name (scientific name)             | New | Rare |
|-----------|----------------------------------|---|-----|------|
| 1         | Bees, wasps & ants (Hymenoptera) | Parasitic wasp (Hymenoptera)                      | ✓   | ✓    |
| 2         | Bees, wasps & ants (Hymenoptera) | Parasitic wasp (Hymenoptera)                      | ✓   |      |
| 3         | Bees, wasps & ants (Hymenoptera) | Cuckoo wasp (Bethyidae)                           | ✓   | ✓    |
| 4         | Bees, wasps & ants (Hymenoptera) | Braconid parasitic wasp (Aphidius rhopalosiphi)   |     |      |
| 5         | Bees, wasps & ants (Hymenoptera) | Braconid parasitic wasp (Diaeretiella rapae)      | ✓   | ✓    |
| 6         | Bees, wasps & ants (Hymenoptera) | Braconid parasitic wasp (Lysiphlebus testaceipes) |     | ✓    |
| 7         | Bees, wasps & ants (Hymenoptera) | Gall wasp (Cynipidae)                             | ✓   |      |
| 8         | Bees, wasps & ants (Hymenoptera) | Oak gall wasp (Dryocosmus quercuspalustris)       |     | ✓    |
| 9         | Bees, wasps & ants (Hymenoptera) | Wood ant (Formica glacialis)                      |     |      |
| 10        | Bees, wasps & ants (Hymenoptera) | Cornfield ant (Lasius neoniger)                   |     |      |
| 11        | Bees, wasps & ants (Hymenoptera) | Ant (Myrmica)                                     |     |      |
| 12        | Bees, wasps & ants (Hymenoptera) | Winter ant (Prenolepis imparis)                   |     |      |
| 13        | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp (Dolichomitus irritator)           |     |      |
| 14        | Bees, wasps & ants (Hymenoptera) | Platygastrid parasitic wasp (Platygastridae)      |     | ✓    |
| 15        | Beetles (Coleoptera)             | Longhorned beetle (Cryptophorus verrucosus)       |     | ✓    |
| 16        | Beetles (Coleoptera)             | Leaf beetle (Altica corni)                        |     |      |
| 17        | Beetles (Coleoptera)             | Crucifer flea beetle (Phyllotreta cruciferae)     |     |      |
| 18        | Beetles (Coleoptera)             | Checkered beetle (Cleridae)                       | ✓   |      |
| 19        | Beetles (Coleoptera)             | Lady beetle (Coccinellidae)                       |     |      |
| 20        | Beetles (Coleoptera)             | European elm flea weevil (Orchestes alni)         |     |      |
| 21        | Beetles (Coleoptera)             | Weevil (Xyleborus dispar)                         |     | ✓    |
| 22        | Beetles (Coleoptera)             | Click beetle (Ampedus nigricollis)                |     | ✓    |
| 23        | Beetles (Coleoptera)             | Rove beetle (Tachyporus nitidulus)                |     |      |
| 24        | Flies (Diptera)                  | Root maggot fly (Anthomyiidae)                    | ✓   |      |
| 25        | Flies (Diptera)                  | Onion fly (Delia antiqua)                         |     |      |
| 26        | Flies (Diptera)                  | Root maggot fly (Hylemya)                         |     |      |
| 27        | Flies (Diptera)                  | Root maggot fly (Pegomya solennis)                |     |      |
| 28        | Flies (Diptera)                  | Sap fly (Aulacigaster neoleucopeza)               |     |      |
| 29        | Flies (Diptera)                  | Shiny blue bottle fly (Cynomya cadaverina)        |     |      |
| 30        | Flies (Diptera)                  | Cluster fly (Pollenia vagabunda)                  |     |      |
| 31        | Flies (Diptera)                  | Gall midge (Cecidomyiidae)                        |     |      |
| 32        | Flies (Diptera)                  | Gall midge (Cecidomyiidae)                        |     |      |
| 33        | Flies (Diptera)                  | Gall midge (Cecidomyiidae)                        |     |      |
| 34        | Flies (Diptera)                  | Gall midge (Cecidomyiidae)                        |     | ✓    |
| 35        | Flies (Diptera)                  | Midge (Chironomidae)                              |     |      |
| 36        | Flies (Diptera)                  | Midge (Chironomidae)                              |     |      |
| 37        | Flies (Diptera)                  | Midge (Chironomidae)                              |     |      |
| 38        | Flies (Diptera)                  | Midge (Chironomidae)                              |     |      |
| 39        | Flies (Diptera)                  | Midge (Chironomidae)                              |     |      |
| 40        | Flies (Diptera)                  | Midge (Chironomidae)                              |     |      |
| 41        | Flies (Diptera)                  | Midge (Chironomidae)                              |     |      |
| 42        | Flies (Diptera)                  | Midge (Bryophaenocladius)                         |     |      |
| 43        | Flies (Diptera)                  | Midge (Chironomus melanescens)                    |     |      |
| 44        | Flies (Diptera)                  | Midge (Orthocladus mallochi)                      |     |      |

|    |                                   |   |   |   |
|----|-----------------------------------|---|---|---|
| 45 | Flies (Diptera)                   | Midge (Paraphaenocladus impensus)                 |   |   |
| 46 | Flies (Diptera)                   | Midge (Psectrocladius cf. limbatellus)            |   |   |
| 47 | Flies (Diptera)                   | Midge (Smittia)                                   |   |   |
| 48 | Flies (Diptera)                   | Midge (Smittia)                                   |   |   |
| 49 | Flies (Diptera)                   | Midge (Thienemanniella xena)                      |   |   |
| 50 | Flies (Diptera)                   | Longlegged fly (Dolichopodidae)                   |   |   |
| 51 | Flies (Diptera)                   | Limoniid crane fly (Symplecta)                    |   |   |
| 52 | Flies (Diptera)                   | House fly (Helina rufitibia)                      |   |   |
| 53 | Flies (Diptera)                   | Scuttle fly (Phoridae)                            |   |   |
| 54 | Flies (Diptera)                   | Scuttle fly (Phoridae)                            |   |   |
| 55 | Flies (Diptera)                   | Scuttle fly (Megaselia)                           |   |   |
| 56 | Flies (Diptera)                   | Dung fly (Scathophaga furcata)                    |   |   |
| 57 | Flies (Diptera)                   | Dark-winged fungus gnat (Sciaridae)               |   |   |
| 58 | Flies (Diptera)                   | Dark-winged fungus gnat (Sciaridae)               |   |   |
| 59 | Flies (Diptera)                   | Dark-winged fungus gnat (Sciaridae)               |   |   |
| 60 | Flies (Diptera)                   | Dark-winged fungus gnat (Sciaridae)               |   |   |
| 61 | Flies (Diptera)                   | Dark-winged fungus gnat (Sciaridae)               |   |   |
| 62 | Flies (Diptera)                   | Dark-winged fungus gnat (Sciaridae)               |   |   |
| 63 | Flies (Diptera)                   | Dark-winged fungus gnat (Sciaridae)               |   |   |
| 64 | Flies (Diptera)                   | Dark-winged fungus gnat (Sciaridae)               |   |   |
| 65 | Flies (Diptera)                   | Dark-winged fungus gnat (Lycoriella castanescens) |   |   |
| 66 | Flies (Diptera)                   | Dark-winged fungus gnat (Scatopsciara)            |   |   |
| 67 | Flies (Diptera)                   | Dark-winged fungus gnat (Scatopsciara)            |   | ✓ |
| 68 | Flies (Diptera)                   | Dark-winged fungus gnat (Scatopsciara)            |   |   |
| 69 | Flies (Diptera)                   | Dark-winged fungus gnat (Scatopsciara)            |   |   |
| 70 | Flies (Diptera)                   | Black scavenger fly (Themira nigricornis)         |   |   |
| 71 | Mites (Arachnida)                 | Mesostigmatan mite (Blattisociidae)               |   |   |
| 72 | Mites (Arachnida)                 | Flower mite (Melicharidae)                        |   |   |
| 73 | Mites (Arachnida)                 | Moss mite (Sarcoptiformes)                        | ✓ |   |
| 74 | Moths & butterflies (Lepidoptera) | Armyworm moth (Mythimna unipuncta)                |   |   |
| 75 | Spiders (Araneae)                 | Dwarf spider (Thyreosthenius parasiticus)         |   | ✓ |
| 76 | Spiders (Araneae)                 | Wolf spider (Piratulla minuta)                    |   |   |
| 77 | Springtails (Collembola)          | Slender springtail (Entomobrya)                   |   |   |
| 78 | Springtails (Collembola)          | Slender springtail (Orchesella cincta)            |   |   |
| 79 | Thrips (Thysanoptera)             | Thrips (Thripidae)                                | ✓ |   |
| 80 | True bugs (Hemiptera)             | Thistle aphid (Capitophorus elaeagni)             |   |   |
| 81 | True bugs (Hemiptera)             | Jumping plant louse (Psyllidae)                   |   |   |
| 82 | True bugs (Hemiptera)             | Western boxelder bug (Boisea rubrolineata)        |   |   |