



# 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 67 that were deployed for the program.

| BIN          | Group (Scientific Name)          | Species Common Name               | Scientific Name                   | New | Rare |
|--------------|----------------------------------|-----------------------------------|-----------------------------------|-----|------|
| BOLD:AAB5726 | Spiders (Araneae)                | Grass spider                      | <i>Agelenopsis potteri</i>        |     |      |
| BOLD:AAI4087 | Spiders (Araneae)                | Leafcurling sac spider            | <i>Clubiona pallidula</i>         |     |      |
| BOLD:AAB7601 | Spiders (Araneae)                | Yellow sac spider                 | <i>Cheiracanthium mildei</i>      |     |      |
| BOLD:AAG5631 | Spiders (Araneae)                | Dwarf spider                      | <i>Tennesseellum formica</i>      |     |      |
| BOLD:AAG9172 | Spiders (Araneae)                | Sheetweb spider                   | <i>Tenuiphantes tenuis</i>        |     | ✓    |
| BOLD:AAB3836 | Spiders (Araneae)                | Turf running spider               | <i>Philodromus cespitum</i>       |     |      |
| BOLD:AAC6891 | Spiders (Araneae)                | Bold Jumper                       | <i>Phidippus audax</i>            |     |      |
| BOLD:AAC7413 | Spiders (Araneae)                | Crab spider                       | <i>Ozyptila praticola</i>         |     |      |
| BOLD:ACH4020 | Mites (Arachnida)                | Phytoseiid mite                   | Phytoseiidae                      |     |      |
| BOLD:AAN6612 | Mites (Arachnida)                | Whirligig mite                    | Anystidae                         |     |      |
| BOLD:AAB8452 | Springtails (Collembola)         | Slender springtail                | <i>Lepidocyrtus paradoxus</i>     |     |      |
| BOLD:AAA6611 | Springtails (Collembola)         | Slender springtail                | <i>Orchesella</i>                 |     |      |
| BOLD:AAA7242 | Springtails (Collembola)         | Slender springtail                | Entomobryidae                     |     |      |
| BOLD:ACM2009 | Springtails (Collembola)         | Slender springtail                | Entomobryidae                     |     |      |
| BOLD:ACC0359 | Springtails (Collembola)         | Globular springtail               | <i>Bourletiella</i>               |     |      |
| BOLD:AAN6210 | Beetles (Coleoptera)             | White clover weevil               | <i>Ischnopterapion virens</i>     |     | ✓    |
| BOLD:AAG4462 | Beetles (Coleoptera)             | Flea beetle                       | <i>Crepidodera</i>                |     |      |
| BOLD:AAH0255 | Beetles (Coleoptera)             | Flea beetle                       | <i>Phyllotreta</i>                |     |      |
| BOLD:AAU7040 | Beetles (Coleoptera)             | Minute hooded beetle              | <i>Orthoperus scutellaris</i>     |     |      |
| BOLD:ABA2914 | Beetles (Coleoptera)             | Minute hooded beetle              | <i>Sericoderus lateralis</i>      |     |      |
| BOLD:AAD1735 | Beetles (Coleoptera)             | Poplar-and-Willow Borer           | <i>Cryptorhynchus lapathi</i>     |     |      |
| BOLD:AAM7726 | Beetles (Coleoptera)             | Flea weevil                       | <i>Orchestes</i>                  |     |      |
| BOLD:AAP7027 | Beetles (Coleoptera)             | Flower weevil                     | <i>Tychius picirostris</i>        |     |      |
| BOLD:AAH0256 | Beetles (Coleoptera)             | Minute brown scavenger beetle     | <i>Corticarina</i>                |     |      |
| BOLD:AAU6931 | Beetles (Coleoptera)             | Small carrion beetle              | <i>Ptomaphagus</i>                |     | ✓    |
| BOLD:ABA6352 | Beetles (Coleoptera)             | Hairy fungus beetle               | <i>Typhaea</i>                    |     |      |
| BOLD:ADE4216 | Beetles (Coleoptera)             | Sap beetle                        | Nitidulidae                       | ✓   | ✓    |
| BOLD:AAK9463 | Beetles (Coleoptera)             | Shining flower beetle             | <i>Olibrus semistriatus</i>       |     |      |
| BOLD:AAG4848 | Beetles (Coleoptera)             | Shining flower beetle             | Phalacridae                       |     |      |
| BOLD:AAP7025 | Beetles (Coleoptera)             | Shining flower beetle             | Phalacridae                       |     |      |
| BOLD:ACF8583 | Beetles (Coleoptera)             | False metallic wood-boring beetle | <i>Trixagus chevrolati</i>        |     |      |
| BOLD:AAG9897 | Earwigs (Dermaptera)             | European earwig                   | <i>Forficula auricularia-A</i>    |     |      |
| BOLD:ABA6448 | Flies (Diptera)                  | Gall midge                        | Cecidomyiidae                     |     |      |
| BOLD:ABV9351 | Flies (Diptera)                  | Gall midge                        | Cecidomyiidae                     |     | ✓    |
| BOLD:ACF7633 | Flies (Diptera)                  | Gall midge                        | Cecidomyiidae                     |     | ✓    |
| BOLD:AAN5148 | Flies (Diptera)                  | Biting midge                      | <i>Forcipomyia</i>                |     |      |
| BOLD:AXX0836 | Flies (Diptera)                  | Midge                             | <i>Heterotrissocladius changi</i> |     |      |
| BOLD:ACY8937 | Flies (Diptera)                  | Midge                             | <i>Heterotrissocladius</i>        |     |      |
| BOLD:ACC4669 | Flies (Diptera)                  | Midge                             | Orthocladiinae                    |     |      |
| BOLD:AAC2499 | Flies (Diptera)                  | Vinegar fly                       | <i>Drosophila</i>                 |     |      |
| BOLD:AAN5542 | Flies (Diptera)                  | Vinegar fly                       | Drosophilidae                     |     |      |
| BOLD:AAC6974 | Flies (Diptera)                  | Dryomyzid fly                     | <i>Dryomyza anilis</i>            |     |      |
| BOLD:AAE1978 | Flies (Diptera)                  | Heleomyzid fly                    | <i>Suilla</i>                     |     |      |
| BOLD:AAG1742 | Flies (Diptera)                  | Muscid fly                        | <i>Helina rufitibia</i>           |     |      |
| BOLD:AAG1717 | Flies (Diptera)                  | House fly                         | <i>Helina troene</i>              |     |      |
| BOLD:AAU5043 | Flies (Diptera)                  | Muscid fly                        | <i>Phaonia</i>                    |     | ✓    |
| BOLD:AAG3266 | Flies (Diptera)                  | Scuttle fly                       | <i>Megaselia</i>                  |     |      |
| BOLD:AAG3343 | Flies (Diptera)                  | Scuttle fly                       | <i>Megaselia</i>                  |     | ✓    |
| BOLD:AAU6533 | Flies (Diptera)                  | Scuttle fly                       | <i>Megaselia</i>                  |     |      |
| BOLD:ADE1329 | Flies (Diptera)                  | Scuttle fly                       | <i>Megaselia</i>                  |     |      |
| BOLD:AAG3236 | Flies (Diptera)                  | Scuttle fly                       | Phorinae                          |     |      |
| BOLD:AAF9306 | Flies (Diptera)                  | Moth fly                          | <i>Psychoda alternata</i>         |     |      |
| BOLD:AAO8538 | Flies (Diptera)                  | Moth fly                          | <i>Psychoda</i>                   |     |      |
| BOLD:AAG6743 | Flies (Diptera)                  | Flesh fly                         | <i>Sarcophaga</i>                 |     |      |
| BOLD:AAN6447 | Flies (Diptera)                  | Dark-winged fungus gnat           | <i>Corynoptera perpusilla</i>     |     |      |
| BOLD:AAB2384 | Flies (Diptera)                  | Syrphid fly                       | <i>Eupeodes</i>                   |     |      |
| BOLD:AAE7386 | Flies (Diptera)                  | Crane fly                         | <i>Tipula paludosa</i>            |     |      |
| BOLD:AAN8422 | True bugs (Hemiptera)            | Two-stripped leafhopper           | <i>Acanalonia bivittata</i>       |     |      |
| BOLD:AAC1372 | True bugs (Hemiptera)            | Milkweed aphid                    | <i>Aphis nerii</i>                |     |      |
| BOLD:AAO4039 | True bugs (Hemiptera)            | Leafhopper                        | <i>Osbornellus</i>                |     |      |
| BOLD:ABA5795 | True bugs (Hemiptera)            | Leafhopper                        | <i>Scaphoideus</i>                |     |      |
| BOLD:AAZ2090 | True bugs (Hemiptera)            | Leafhopper                        | <i>Dikraneura</i>                 |     |      |
| BOLD:ABA8103 | True bugs (Hemiptera)            | Leafhopper                        | <i>Empoasca</i>                   |     |      |
| BOLD:AAZ6751 | True bugs (Hemiptera)            | Three-banded leafhopper           | <i>Erythroneura tricincta</i>     |     |      |
| BOLD:ADE3318 | True bugs (Hemiptera)            | Leafhopper                        | Cicadellidae                      | ✓   | ✓    |
| BOLD:ADE2588 | True bugs (Hemiptera)            | Plant bug                         | Miridae                           | ✓   | ✓    |
| BOLD:ACF8608 | Bees, wasps & ants (Hymenoptera) | Chalcid wasp                      | Aphelinidae                       |     |      |
| BOLD:ABZ2516 | Bees, wasps & ants (Hymenoptera) | Bumble bee                        | <i>Bombus</i>                     |     |      |
| BOLD:AAZ9744 | Bees, wasps & ants (Hymenoptera) | Braconid wasp                     | <i>Blacus stelfoxi</i>            |     |      |
| BOLD:AAU8584 | Bees, wasps & ants (Hymenoptera) | Braconid wasp                     | Blacinae                          |     |      |
| BOLD:AAU8736 | Bees, wasps & ants (Hymenoptera) | Diapriid wasp                     | <i>Belyta validicornis</i>        |     |      |
| BOLD:ABA5937 | Bees, wasps & ants (Hymenoptera) | Diapriid wasp                     | <i>Trichopria</i>                 |     |      |

|              |  |                              |   |   |   |
|--------------|--|------------------------------|---|---|---|
| BOLD:AAM7487 | Bees, wasps & ants (Hymenoptera)             | Diapriid wasp                | Diapriidae                                  |   |   |
| BOLD:ABV2746 | Bees, wasps & ants (Hymenoptera)             | Chalcid wasp                 | Encyrtidae                                  |   |   |
| BOLD:ABX2601 | Bees, wasps & ants (Hymenoptera)             | Chalcid wasp                 | Encyrtidae                                  |   |   |
| BOLD:AAD7490 | Bees, wasps & ants (Hymenoptera)             | Rover ant                    | <i>Brachymyrmex</i>                         |   |   |
| BOLD:AAD4432 | Bees, wasps & ants (Hymenoptera)             | Carpenter ant                | <i>Camponotus nearcticus</i>                |   | ✓ |
| BOLD:AAA9049 | Bees, wasps & ants (Hymenoptera)             | Cornfield ant                | <i>Lasius alienus</i>                       |   | ✓ |
| BOLD:AAC8341 | Bees, wasps & ants (Hymenoptera)             | Yellow meadow ant            | <i>Lasius flavus</i>                        |   |   |
| BOLD:AAB9126 | Bees, wasps & ants (Hymenoptera)             | Ant                          | <i>Lasius</i>                               |   |   |
| BOLD:AAA1840 | Bees, wasps & ants (Hymenoptera)             | Ant                          | <i>Myrmica</i>                              |   |   |
| BOLD:AAG7794 | Bees, wasps & ants (Hymenoptera)             | Ichneumon wasp               | <i>Lissonota coracina</i>                   |   |   |
| BOLD:ACF3458 | Bees, wasps & ants (Hymenoptera)             | Ichneumon wasp               | <i>Cryptus</i>                              |   |   |
| BOLD:ACH0295 | Bees, wasps & ants (Hymenoptera)             | Ichneumon wasp               | <i>Gambrus</i>                              |   | ✓ |
| BOLD:AAG7710 | Bees, wasps & ants (Hymenoptera)             | Ichneumon wasp               | Cryptinae                                   |   |   |
| BOLD:AAG7660 | Bees, wasps & ants (Hymenoptera)             | Ichneumon wasp               | Ichneumoninae                               |   | ✓ |
| BOLD:AAD5194 | Bees, wasps & ants (Hymenoptera)             | Ichneumon wasp               | <i>Pimpla</i>                               |   |   |
| BOLD:AAG0385 | Bees, wasps & ants (Hymenoptera)             | Ichneumon wasp               | <i>Pimpla</i>                               |   |   |
| BOLD:ACF8830 | Bees, wasps & ants (Hymenoptera)             | Megaspilid wasp              | Megaspilidae                                |   | ✓ |
| BOLD:ACK1874 | Bees, wasps & ants (Hymenoptera)             | Fairyfly                     | <i>Anaphes</i>                              |   |   |
| BOLD:ACU1736 | Bees, wasps & ants (Hymenoptera)             | Fairyfly                     | <i>Gonatocerus</i>                          |   |   |
| BOLD:AAU9342 | Bees, wasps & ants (Hymenoptera)             | Fairyfly                     | <i>Polynema</i>                             |   | ✓ |
| BOLD:ABA5911 | Bees, wasps & ants (Hymenoptera)             | Fairyfly                     | <i>Polynema</i>                             |   | ✓ |
| BOLD:ABW3187 | Bees, wasps & ants (Hymenoptera)             | Fairyfly                     | Mymaridae                                   |   |   |
| BOLD:ACB6947 | Bees, wasps & ants (Hymenoptera)             | Fairyfly                     | Mymaridae                                   |   |   |
| BOLD:AAY9192 | Bees, wasps & ants (Hymenoptera)             | Platygastrid wasp            | <i>Telenomus podisi</i>                     |   |   |
| BOLD:AAN8030 | Bees, wasps & ants (Hymenoptera)             | Platygastrid wasp            | <i>Telenomus</i>                            |   |   |
| BOLD:AAU8457 | Bees, wasps & ants (Hymenoptera)             | Platygastrid wasp            | <i>Telenomus</i>                            |   |   |
| BOLD:ACK1830 | Bees, wasps & ants (Hymenoptera)             | Platygastrid wasp            | Scelioninae                                 |   |   |
| BOLD:ABW3140 | Bees, wasps & ants (Hymenoptera)             | Platygastrid wasp            | Platygastridae                              |   | ✓ |
| BOLD:ACC1567 | Bees, wasps & ants (Hymenoptera)             | Pteromalid wasp              | Pteromalinae                                |   | ✓ |
| BOLD:ACD2406 | Bees, wasps & ants (Hymenoptera)             | Pteromalid wasp              | Pteromalidae                                | ✓ | ✓ |
| BOLD:AAD2085 | Moths & butterflies (Lepidoptera)            | Ribbed-cocoon maker moth     | <i>Bucculatrix</i>                          |   |   |
| BOLD:AAD9052 | Moths & butterflies (Lepidoptera)            | Grass miner moth             | <i>Elachista illectella</i>                 |   |   |
| BOLD:AAA2229 | Moths & butterflies (Lepidoptera)            | Common Idia                  | <i>Idia aemula</i>                          |   | ✓ |
| BOLD:AAD0702 | Moths & butterflies (Lepidoptera)            | Mompha moth                  | <i>Mompha subbistrigella</i>                |   | ✓ |
| BOLD:AAA6377 | Moths & butterflies (Lepidoptera)            | Pearly underwing moth        | <i>Peridroma saucia</i>                     |   |   |
| BOLD:AAM8933 | Barklice, booklice and other lice (Psocodea) | Hairy-winged barklouse       | <i>Polypsocus corruptus</i>                 |   |   |
| BOLD:AAN8447 | Barklice, booklice and other lice (Psocodea) | Lizard barklouse             | <i>Valenzuela flavidus</i>                  |   |   |
| BOLD:AAM8931 | Barklice, booklice and other lice (Psocodea) | Outer barklouse              | <i>Ectopsocus meridionalis</i>              |   |   |
| BOLD:AAF1729 | Barklice, booklice and other lice (Psocodea) | Cosmopolitan Grain Barklouse | <i>Lachesilla pedicularia</i>               |   |   |
| BOLD:AAN8450 | Barklice, booklice and other lice (Psocodea) | Stout barklouse              | <i>Peripsocus subfasciatus</i>              |   | ✓ |
| BOLD:ACE6318 | Barklice, booklice and other lice (Psocodea) | Common barklouse             | <i>Trichadenotecnum alexanderae complex</i> |   |   |
| BOLD:AAG2812 | Thrips (Thysanoptera)                        | Tube-tailed thrips           | <i>Haplothrips</i>                          |   |   |
| BOLD:ACU9371 | Thrips (Thysanoptera)                        | Tube-tailed thrips           | Phlaeothripinae                             |   |   |
| BOLD:AAF2521 | Caddisflies (Trichoptera)                    | Microcaddisfly               | <i>Oxyethira pallida</i>                    |   |   |