



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 59 that were deployed for the program.

| BIN | Group (scientific name) | Species Common Name | Scientific Name | New | Rare |
|--------------|--------------------------|-----------------------------------|--------------------------------|-----|------|
| BOLD:ACF8798 | Spiders (Araneae) | Dwarf spider | <i>Ceratinops crenatus</i> | | ✓ |
| BOLD:AAB7668 | Spiders (Araneae) | Thinlegged wolf spider | <i>Pardosa milvina</i> | | |
| BOLD:AAB0726 | Spiders (Araneae) | Rustic wolf spider | <i>Trochosa ruricola</i> | | |
| BOLD:ACF8020 | Mites (Arachnida) | Ascid mite | Ascidae | | |
| BOLD:ABW2693 | Mites (Arachnida) | Ascid mite | Ascidae | | ✓ |
| BOLD:ACJ0472 | Mites (Arachnida) | Mite | Blattisociidae | | |
| BOLD:ACH4020 | Mites (Arachnida) | Phytoseiid mite | Phytoseiidae | | |
| BOLD:ACP7655 | Mites (Arachnida) | Prostigmatic mite | Trombidiformes | ✓ | ✓ |
| BOLD:AAA7242 | Springtails (Collembola) | Slender springtail | Entomobryidae | | |
| BOLD:ACJ0127 | Springtails (Collembola) | Slender springtail | Isotomidae | | |
| BOLD:ACP8634 | Springtails (Collembola) | Springtail | Bourletiellidae | ✓ | |
| BOLD:AAN4906 | Springtails (Collembola) | Springtail | Bourletiellidae | | |
| BOLD:AAI4706 | Springtails (Collembola) | Springtail | Sminthurididae | | ✓ |
| BOLD:ABA9097 | Beetles (Coleoptera) | Minute hooded beetle | Corylophidae | | |
| BOLD:AAP6369 | Beetles (Coleoptera) | Click beetle | <i>Aeolus mellillus</i> | | |
| BOLD:AAH0256 | Beetles (Coleoptera) | Minute brown scavenger beetle | <i>Corticarina</i> | | |
| BOLD:AAG5778 | Beetles (Coleoptera) | Sap-feeding beetle | <i>Glischrochilus</i> | | |
| BOLD:ABW2870 | Beetles (Coleoptera) | Rove beetle | <i>Meronera</i> | | |
| BOLD:ABA6362 | Beetles (Coleoptera) | Rove beetle | Aleocharinae | | |
| BOLD:AAN6148 | Beetles (Coleoptera) | False metallic wood-boring beetle | <i>Trixagus carinicollis</i> | | |
| BOLD:ACP8584 | Beetles (Coleoptera) | False metallic wood-boring beetle | <i>Trixagus chevrolati</i> | | |
| BOLD:ABW2869 | Beetles (Coleoptera) | False metallic wood-boring beetle | <i>Trixagus</i> | | |
| BOLD:AAG9897 | Earwigs (Dermaptera) | European earwig | <i>Forficula auricularia-A</i> | | |
| BOLD:AAM6324 | Flies (Diptera) | Leaf miner fly | <i>Pseudonapomyza europaea</i> | ✓ | |
| BOLD:AAG2513 | Flies (Diptera) | Root maggot fly | <i>Eustalomyia</i> | | ✓ |
| BOLD:AAG6745 | Flies (Diptera) | Cluster fly | <i>Pollenia pediculata</i> | | |
| BOLD:AAN5268 | Flies (Diptera) | Gall midge | Cecidomyiidae | | |
| BOLD:AAN5250 | Flies (Diptera) | Gall midge | Cecidomyiidae | | |
| BOLD:AAP9021 | Flies (Diptera) | Gall midge | Cecidomyiidae | | ✓ |
| BOLD:ABX0130 | Flies (Diptera) | Gall midge | Cecidomyiidae | | |
| BOLD:AAN5148 | Flies (Diptera) | Biting midge | <i>Forcipomyia</i> | | |
| BOLD:AAG6433 | Flies (Diptera) | Biting midge | Ceratopogonidae | | |
| BOLD:ACP7999 | Flies (Diptera) | Biting midge | Ceratopogonidae | ✓ | ✓ |
| BOLD:AAB7030 | Flies (Diptera) | Non-biting midge | <i>Chironomus</i> | | |
| BOLD:AAA7263 | Flies (Diptera) | Non-biting midge | <i>Chironomus</i> | | |
| BOLD:AAP5920 | Flies (Diptera) | Non-biting midge | <i>Cricotopus triannulatus</i> | | |
| BOLD:ABY9141 | Flies (Diptera) | Non-biting midge | <i>Cricotopus</i> | | |
| BOLD:ABU5525 | Flies (Diptera) | Non-biting midge | <i>Limnophyes</i> | | |
| BOLD:AAK4963 | Flies (Diptera) | Non-biting midge | <i>Paracladopelma winnelli</i> | | |
| BOLD:AAI2681 | Flies (Diptera) | Non-biting midge | <i>Parakiefferiella</i> | | ✓ |
| BOLD:AAG5513 | Flies (Diptera) | Non-biting midge | <i>Procladius</i> | | |
| BOLD:AAM6227 | Flies (Diptera) | Non-biting midge | <i>Procladius</i> | | ✓ |
| BOLD:AAN5331 | Flies (Diptera) | Non-biting midge | <i>Smittia edwardsi</i> | | |
| BOLD:ACP4736 | Flies (Diptera) | Non-biting midge | <i>Smittia</i> | | |
| BOLD:AAN5342 | Flies (Diptera) | Non-biting midge | Chironomidae | | |
| BOLD:ACM1709 | Flies (Diptera) | Non-biting midge | Tanypodinae | | |
| BOLD:AAL7370 | Flies (Diptera) | Non-biting midge | Tanypodinae | | ✓ |
| BOLD:AAV6114 | Flies (Diptera) | Frit fly | Chloropidae | | |
| BOLD:AAA7067 | Flies (Diptera) | Inland floodwater mosquito | <i>Aedes vexans</i> | | |
| BOLD:AAI9091 | Flies (Diptera) | Vinegar fly | <i>Drosophila tripunctata</i> | | ✓ |
| BOLD:AAG8491 | Flies (Diptera) | Vinegar fly | <i>Scaptomyza adusta</i> | | ✓ |

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|---------------|----------------------------------|---------------------------|-----------------------------------|---|--|
| BOLD:AAG8493 | Flies (Diptera) | Vinegar fly | <i>Scaptomyza</i> | | |
| BOLD:AAP8908 | Flies (Diptera) | Hybotid dance fly | <i>Platypalpus trivialis</i> | | |
| BOLD:ACC9085 | Flies (Diptera) | Limoniid crane fly | <i>Dicranomyia</i> | ✓ | |
| BOLD:AAN5882 | Flies (Diptera) | Limoniid crane fly | <i>Erioptera</i> | ✓ | |
| BOLD:AAB5609 | Flies (Diptera) | Tiger fly | <i>Coenosia tigrina</i> | | |
| BOLD:AAG1717 | Flies (Diptera) | House fly | <i>Helina</i> | | |
| BOLD:AAG1714 | Flies (Diptera) | House fly | <i>Muscina pascuorum</i> | | |
| BOLD:AAG4905 | Flies (Diptera) | Fungus gnat | <i>Mycetophila</i> | | |
| BOLD:AAN8586 | Flies (Diptera) | Fungus gnat | <i>Mycetophilidae</i> | | |
| BOLD:AAG3236 | Flies (Diptera) | Scuttle fly | <i>Diplonevra nitidula</i> | | |
| BOLD:AAG3248 | Flies (Diptera) | Scuttle fly | <i>Megasselia arcticae</i> | | |
| BOLD:AAM9355 | Flies (Diptera) | Scuttle fly | <i>Phoridae</i> | | |
| BOLD:AAL7819 | Flies (Diptera) | Moth fly | <i>Psychoda</i> | | |
| BOLD:AAZ5592 | Flies (Diptera) | Moth fly | <i>Psychodidae</i> | | |
| BOLD:AAG6743 | Flies (Diptera) | Common flesh fly | <i>Sarcophaga carnaria</i> | | |
| BOLD:AAG3629 | Flies (Diptera) | Flesh fly | <i>Sarcophaga</i> | | |
| BOLD:AAM9252 | Flies (Diptera) | Dark-winged fungus gnat | <i>Bradyisia vagans</i> | | |
| BOLD:AAH3914 | Flies (Diptera) | Dark-winged fungus gnat | <i>Sciara</i> | | |
| BOLD:ABU5520 | Flies (Diptera) | Dark-winged fungus gnat | <i>Sciaridae</i> | | |
| BOLD:ABA6407 | Flies (Diptera) | Dark-winged fungus gnat | <i>Sciaridae</i> | | |
| BOLD:ACB5164 | Flies (Diptera) | Dark-winged fungus gnat | <i>Sciaridae</i> | ✓ | |
| BOLD:AAM9255 | Flies (Diptera) | Dark-winged fungus gnat | <i>Sciaridae</i> | | |
| BOLD:AAH3947 | Flies (Diptera) | Dark-winged fungus gnat | <i>Sciaridae</i> | | |
| BOLD:AAB1114 | Flies (Diptera) | Black fly | <i>Simulium</i> | | |
| BOLD:AAG7284 | Flies (Diptera) | Lesser dung fly | <i>Pullimosina pullula</i> | ✓ | |
| BOLD:AAG7279 | Flies (Diptera) | Lesser dung fly | <i>Spelobia ochripes</i> | | |
| BOLD:AAN6506 | Flies (Diptera) | Soldier fly | <i>Microchrysa</i> | | |
| BOLD:AAB2384 | Flies (Diptera) | Hover fly | <i>Eupeodes</i> | | |
| BOLD:AAD3756 | Flies (Diptera) | Hover fly | <i>Platycheirus</i> | ✓ | |
| BOLD:AAF9041 | Flies (Diptera) | Crane fly | <i>Tipula oleracea</i> | | |
| BOLD:AAE7386 | Flies (Diptera) | Crane fly | <i>Tipula paludosa</i> | | |
| BOLD:ACF1270 | True bugs (Hemiptera) | Aphid | <i>Nearctaphis crataegifoliae</i> | | |
| BOLD:AAA9899 | True bugs (Hemiptera) | Bird cherry oat aphid | <i>Rhopalosiphum padi</i> | | |
| BOLD:ACI3033 | True bugs (Hemiptera) | Aphid | <i>Utamphorophora humboldti</i> | | |
| BOLD:AAG2868 | True bugs (Hemiptera) | Leafhopper | <i>Empoasca</i> | | |
| BOLD:ABZ4247 | True bugs (Hemiptera) | Leafhopper | <i>Empoasca</i> | | |
| BOLD:ABW2937 | True bugs (Hemiptera) | European beech leafhopper | <i>Fagocyba douglasi</i> | ✓ | |
| BOLD:ACC8165 | True bugs (Hemiptera) | Leafhopper | <i>Forcipata loca</i> | | |
| BOLD:AAA9422 | True bugs (Hemiptera) | Aster leafhopper | <i>Macrosteles quadrilineatus</i> | | |
| BOLD:AAG2898 | True bugs (Hemiptera) | Leafhopper | <i>Paraphlepsius</i> | | |
| BOLD: AAC3517 | True bugs (Hemiptera) | Dephacid planthopper | <i>Delphacidae</i> | | |
| BOLD:AAL0821 | True bugs (Hemiptera) | Plant bug | <i>Dichrooscytus repletus</i> | ✓ | |
| BOLD:ABW3282 | Bees, wasps & ants (Hymenoptera) | Chalcid wasp | <i>Aphelinus varipes</i> | | |
| BOLD:ACP8048 | Bees, wasps & ants (Hymenoptera) | Chalcid wasp | <i>Aphelinidae</i> | ✓ | |
| BOLD:ACE6783 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | <i>Apanteles ensiger</i> | | |
| BOLD:ABY7565 | Bees, wasps & ants (Hymenoptera) | Sowthistle aphid parasite | <i>Aphidius sonchi</i> | | |
| BOLD:ABZ3101 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | <i>Aphidius</i> | | |
| BOLD:AAU8379 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | <i>Dinotrema</i> | | |
| BOLD:AAU8452 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | <i>Dinotrema</i> | | |
| BOLD:AAA4781 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | <i>Glyptapanteles</i> | | |
| BOLD:ACE2830 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | <i>Praon</i> | | |
| BOLD:AAU8585 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | <i>Aphidiinae</i> | | |
| BOLD:AAG1352 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | <i>Braconidae</i> | | |
| BOLD:AAU8584 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | <i>Braconidae</i> | | |
| BOLD:ABA8036 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | <i>Braconidae</i> | ✓ | |
| BOLD:AAN8212 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | <i>Meteorinae</i> | ✓ | |
| BOLD:AAG1429 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | <i>Macrocentrinae</i> | | |
| BOLD:AAQ2892 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | <i>Rhyssalinae</i> | | |
| BOLD:AAU8618 | Bees, wasps & ants (Hymenoptera) | Gall wasp | <i>Cynipidae</i> | | |
| BOLD:AAU9829 | Bees, wasps & ants (Hymenoptera) | Diapriid wasp | <i>Belytiniae</i> | ✓ | |
| BOLD:ABY3589 | Bees, wasps & ants (Hymenoptera) | Diapriid wasp | <i>Diapriidae</i> | ✓ | |
| BOLD:ACA9177 | Bees, wasps & ants (Hymenoptera) | Chalcid wasp | <i>Eulophidae</i> | ✓ | |

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| BOLD:ACE8630 | Bees, wasps & ants (Hymenoptera) | Formicine ant | <i>Lasius</i> | | |
| BOLD:AAB8259 | Bees, wasps & ants (Hymenoptera) | Pavement ant | <i>Tetramorium</i> | | |
| BOLD:AAG5788 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | <i>Hyposoter</i> | | |
| BOLD:AAG7794 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | <i>Lissonota coracina</i> | | |
| BOLD:ACJ6551 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | <i>Lissonota</i> | | |
| BOLD:ACP8673 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | <i>Mesochorus americanus</i> | | ✓ |
| BOLD:AAV6795 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | <i>Mesochorus americanus</i> | | |
| BOLD:ACE3697 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | <i>Mesoleptus</i> | | |
| BOLD:ACF3297 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | <i>Cryptinae</i> | | |
| BOLD:AAF1382 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | <i>Cryptinae</i> | | |
| BOLD:AAG8257 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | <i>Orthocentrinae</i> | | |
| BOLD:AAH7265 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | <i>Ichneumoninae</i> | | |
| BOLD:ACK1416 | Bees, wasps & ants (Hymenoptera) | Megaspilid wasp | <i>Megaspilidae</i> | | ✓ |
| BOLD:ACJ7345 | Bees, wasps & ants (Hymenoptera) | Megaspilid wasp | <i>Megaspilidae</i> | | |
| BOLD:ABY3391 | Bees, wasps & ants (Hymenoptera) | Megaspilid wasp | <i>Megaspilidae</i> | | ✓ |
| BOLD:AAU9164 | Bees, wasps & ants (Hymenoptera) | Fairyfly | <i>Polynema</i> | | ✓ |
| BOLD:ABW3127 | Bees, wasps & ants (Hymenoptera) | Fairyfly | <i>Mymaridae</i> | | |
| BOLD:ABX2601 | Bees, wasps & ants (Hymenoptera) | Fairyfly | <i>Mymaridae</i> | | |
| BOLD:ACB6947 | Bees, wasps & ants (Hymenoptera) | Fairyfly | <i>Mymaridae</i> | | |
| BOLD:AAG8280 | Bees, wasps & ants (Hymenoptera) | Pergid sawfly | <i>Acordulecera</i> | | ✓ |
| BOLD:ABZ8208 | Bees, wasps & ants (Hymenoptera) | Platygastrid wasp | <i>Leptasis</i> | | |
| BOLD:AAG7886 | Bees, wasps & ants (Hymenoptera) | Platygastrid wasp | <i>Platygastridae</i> | | |
| BOLD:ABW3192 | Bees, wasps & ants (Hymenoptera) | Platygastrid wasp | <i>Platygastridae</i> | | |
| BOLD:AAU8342 | Bees, wasps & ants (Hymenoptera) | Platygastrid wasp | <i>Platygastridae</i> | | |
| BOLD:ACP8672 | Bees, wasps & ants (Hymenoptera) | Platygastrid wasp | <i>Scelioninae</i> | ✓ | ✓ |
| BOLD:ABA6265 | Bees, wasps & ants (Hymenoptera) | Platygastrid wasp | <i>Scelioninae</i> | | |
| BOLD:ABW3206 | Bees, wasps & ants (Hymenoptera) | Pteromalid wasp | <i>Cecidostiba</i> | | |
| BOLD:ABA6037 | Bees, wasps & ants (Hymenoptera) | Pteromalid wasp | <i>Dibrachys cavus</i> | | ✓ |
| BOLD:AAZ7491 | Bees, wasps & ants (Hymenoptera) | Pteromalid wasp | <i>Mesopolobus incultus</i> | | ✓ |
| BOLD:ACC8557 | Bees, wasps & ants (Hymenoptera) | Pteromalid wasp | <i>Pteromalidae</i> | | ✓ |
| BOLD:AAE0242 | Bees, wasps & ants (Hymenoptera) | Chalcid wasp | <i>Trichogramma</i> | | |
| BOLD:AAB7105 | Bees, wasps & ants (Hymenoptera) | European paper wasp | <i>Polistes dominula</i> | | |
| BOLD:AAI7773 | Moths & butterflies (Lepidoptera) | Sweet potato leaf miner | <i>Bedellia somnulentella</i> | | |
| BOLD:AAF9988 | Moths & butterflies (Lepidoptera) | Twirler moth | <i>Syncopacma</i> | | |
| BOLD:AAD5802 | Moths & butterflies (Lepidoptera) | Leaf blotch miner moth | <i>Parectopa occulta</i> | | |
| BOLD:AAA6377 | Moths & butterflies (Lepidoptera) | Pearly underwing moth | <i>Peridroma saucia</i> | | |
| BOLD:AAA4426 | Moths & butterflies (Lepidoptera) | Owlet moth | <i>Sunira bicolorago</i> | | |
| BOLD:AAE4730 | Moths & butterflies (Lepidoptera) | Clothes moth | <i>Monopis longella</i> | | ✓ |
| BOLD:ACG2784 | Lacewings (Neuroptera) | Dustywing | <i>Coniopterygidae</i> | | |
| BOLD:AAG0892 | Lacewings (Neuroptera) | Brown lacewing | <i>Hemerobius</i> | | |
| BOLD:AAG0893 | Lacewings (Neuroptera) | Brown lacewing | <i>Micromus subanticus</i> | | |
| BOLD:AAH3229 | Barklice & booklice (Psocoptera) | Hairy-winged barklouse | <i>Amphipsocidae</i> | | |
| BOLD:AAO4092 | Barklice & booklice (Psocoptera) | Lizard barklouse | <i>Valenzuela burmeisteri</i> | | |
| BOLD:AAN8447 | Barklice & booklice (Psocoptera) | Lizard barklouse | <i>Valenzuela flavidus</i> | | |
| BOLD:ABA6163 | Barklice & booklice (Psocoptera) | Lizard barklouse | <i>Valenzuela piceus</i> | | |
| BOLD:AAP2603 | Barklice & booklice (Psocoptera) | Lizard barklouse | <i>Valenzuela</i> | | |
| BOLD:ACA3113 | Barklice & booklice (Psocoptera) | Lizard barklouse | <i>Caeciliusidae</i> | | ✓ |
| BOLD:AAF1729 | Barklice & booklice (Psocoptera) | Fateful barklouse | <i>Lachesillidae</i> | | |
| BOLD:ACA2933 | Barklice & booklice (Psocoptera) | Narrow barklouse | <i>Graphopsocus cruciatus</i> | | |
| BOLD:ABA6546 | Barklice & booklice (Psocoptera) | Barklouse | <i>Psocoptera</i> | | |
| BOLD:AAA2528 | Caddisflies (Trichoptera) | Netspinning caddisfly | <i>Hydropsyche</i> | | |
| BOLD:AAB2127 | Caddisflies (Trichoptera) | Microcaddisfly | <i>Hydroptila waubesiiana</i> | | |
| BOLD:AAA3080 | Caddisflies (Trichoptera) | Summer flier sedge | <i>Limnephilus submonilifer</i> | | |