



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:AAE0825 | Spiders (Araneae) | Bowl and doily weaver | <i>Frontinella communis</i> | | ✓ |
| BOLD:ABA5555 | Mites (Arachnida) | Ascid mite | Ascidae | | |
| BOLD:ABW2639 | Mites (Arachnida) | Whirligig mite | Anystidae | | |
| BOLD:ABW5662 | Mites (Arachnida) | Whirligig mite | Anystidae | | |
| BOLD:AAL5267 | Beetles (Coleoptera) | Striped flea beetle | <i>Phyllotreta striolata</i> | | ✓ |
| BOLD:ACI5300 | Beetles (Coleoptera) | Minute beetle | Clambidae | | ✓ |
| BOLD:AAU6970 | Beetles (Coleoptera) | Checkered beetle | <i>Enoclerus</i> | | |
| BOLD:AAA8933 | Beetles (Coleoptera) | Seven-spotted lady beetle | <i>Coccinella septempunctata</i> | | |
| BOLD:AAB5640 | Beetles (Coleoptera) | Multicolored Asian lady beetle | <i>Harmonia axyridis</i> | | |
| BOLD:AAN6192 | Beetles (Coleoptera) | Plate-thigh beetle | Eucinetidae | | ✓ |
| BOLD:AAF4976 | Beetles (Coleoptera) | Diurnal firefly | <i>Ellychnia</i> | | |
| BOLD:ACL8662 | Beetles (Coleoptera) | Diurnal firefly | <i>Ellychnia</i> | | ✓ |
| BOLD:ABX2484 | Beetles (Coleoptera) | Crab-like rove beetle | <i>Tachyporus atriceps</i> | | |
| BOLD:AAV4861 | Flies (Diptera) | Leaf miner fly | <i>Calycomyza majuscula</i> | | |
| BOLD:AAF1051 | Flies (Diptera) | Leaf miner fly | <i>Cerodontha muscina</i> | | |
| BOLD:ACP7396 | Flies (Diptera) | Leaf miner fly | Agromyzidae | ✓ | ✓ |
| BOLD:AAL7534 | Flies (Diptera) | Wood gnat | <i>Sylvicola</i> | | |
| BOLD:AAG1996 | Flies (Diptera) | Wood gnat | <i>Sylvicola</i> | | |
| BOLD:AAG2467 | Flies (Diptera) | Bean seed fly | <i>Delia florilega</i> | | |
| BOLD:AAG2511 | Flies (Diptera) | Bean seed fly | <i>Delia platura</i> | | |
| BOLD:AAG2460 | Flies (Diptera) | Root maggot fly | <i>Hydrophoria lancifer</i> | | |
| BOLD:AAG2466 | Flies (Diptera) | Root maggot fly | <i>Pegomya geniculata</i> | | |
| BOLD:AAG2461 | Flies (Diptera) | Root maggot fly | Anthomyiidae | | |
| BOLD:AAG6745 | Flies (Diptera) | Cluster fly | <i>Pollenia pediculata</i> | | |
| BOLD:ACP9607 | Flies (Diptera) | Gall midge | Cecidomyiidae | | ✓ |
| BOLD:AAG1005 | Flies (Diptera) | Non-biting midge | <i>Cricotopus vierriensis</i> | | ✓ |
| BOLD:ACP7915 | Flies (Diptera) | Non-biting midge | <i>Cricotopus</i> | ✓ | ✓ |
| BOLD:ABA4431 | Flies (Diptera) | Non-biting midge | <i>Cricotopus</i> | | ✓ |
| BOLD:AAG0996 | Flies (Diptera) | Non-biting midge | <i>Cricotopus</i> | | |
| BOLD:AAF7088 | Flies (Diptera) | Non-biting midge | <i>Micropsectra</i> | | |
| BOLD:AAE0707 | Flies (Diptera) | Non-biting midge | <i>Microtendipes pedellus</i> | | |
| BOLD:ABV9025 | Flies (Diptera) | Non-biting midge | Chironomidae | | ✓ |
| BOLD:AAH0040 | Flies (Diptera) | Non-biting midge | Chironominae | | ✓ |
| BOLD:ABY2015 | Flies (Diptera) | Non-biting midge | Orthoclaadiinae | | |
| BOLD:ACP7679 | Flies (Diptera) | Non-biting midge | Orthoclaadiinae | ✓ | ✓ |
| BOLD:AAG0999 | Flies (Diptera) | Non-biting midge | Orthoclaadiinae | | ✓ |
| BOLD:ACC7822 | Flies (Diptera) | Non-biting midge | Tanypodinae | | |
| BOLD:ACF5081 | Flies (Diptera) | Frit fly | <i>Gaurax</i> | | ✓ |
| BOLD:ACE8783 | Flies (Diptera) | Frit fly | <i>Siphonella oscinina</i> | | |
| BOLD:ABY9689 | Flies (Diptera) | Grass fly | <i>Thaumatomyia</i> | | |
| BOLD:AAH4135 | Flies (Diptera) | Grass fly | <i>Thaumatomyia</i> | | |
| BOLD:ACJ6355 | Flies (Diptera) | Frit fly | <i>Tricimba melancholica</i> | | ✓ |
| BOLD:AAG6929 | Flies (Diptera) | Longlegged fly | Dolichopodidae | | |
| BOLD:AAE0232 | Flies (Diptera) | Vinegar fly | <i>Drosophila robusta</i> | | ✓ |
| BOLD:AAC6974 | Flies (Diptera) | Dryomyzid fly | <i>Dryomyza anilis</i> | | |
| BOLD:AAH0832 | Flies (Diptera) | Dryomyzid fly | <i>Dryomyza</i> | | ✓ |
| BOLD:ACB9136 | Flies (Diptera) | Dance fly | Empididae | | ✓ |
| BOLD:AAI2703 | Flies (Diptera) | Hybotid dance fly | <i>Platypalpus</i> | | ✓ |
| BOLD:ACC4222 | Flies (Diptera) | Hybotid dance fly | <i>Platypalpus</i> | | ✓ |
| BOLD:AAU4698 | Flies (Diptera) | Lauxaniid fly | <i>Homoneura philadelphica</i> | | ✓ |
| BOLD:AAH3542 | Flies (Diptera) | Lauxaniid fly | <i>Homoneura</i> | | |

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|--------------|----------------------------------|-------------------------|-----------------------------------|---|---|
| BOLD:ABA5203 | Flies (Diptera) | Limoniid crane fly | <i>Dicranomyia frontalis</i> | | |
| BOLD:AAF4967 | Flies (Diptera) | Limoniid crane fly | <i>Discobola annulata</i> | | |
| BOLD:AAU6544 | Flies (Diptera) | Limoniid crane fly | <i>Ormosia</i> | | |
| BOLD:ABY8689 | Flies (Diptera) | Limoniid crane fly | <i>Rhipidia lecontei</i> | | |
| BOLD:AAG1733 | Flies (Diptera) | Tiger fly | <i>Coenosia</i> | | ✓ |
| BOLD:AAG1717 | Flies (Diptera) | House fly | <i>Helina</i> | | |
| BOLD:AAB8818 | Flies (Diptera) | House fly | <i>Muscina</i> | | |
| BOLD:ACF1299 | Flies (Diptera) | House fly | Muscidae | | |
| BOLD:AAG4898 | Flies (Diptera) | Fungus gnat | <i>Leia</i> | | |
| BOLD:ACF2821 | Flies (Diptera) | Fungus gnat | <i>Mycetophila fungorum</i> | | |
| BOLD:AAK8903 | Flies (Diptera) | Fungus gnat | <i>Mycomya</i> | | ✓ |
| BOLD:AAG4967 | Flies (Diptera) | Fungus gnat | <i>Sceptonia</i> | | ✓ |
| BOLD:AAM8992 | Flies (Diptera) | Fungus gnat | Mycetophilinae | | ✓ |
| BOLD:ABX4909 | Flies (Diptera) | Pediciid crane fly | <i>Pedicia</i> | | ✓ |
| BOLD:AAG3236 | Flies (Diptera) | Scuttle fly | <i>Diplonevra nitidula</i> | | |
| BOLD:ACP7558 | Flies (Diptera) | Scuttle fly | Phoridae | ✓ | ✓ |
| BOLD:AAN8700 | Flies (Diptera) | Scuttle fly | Phoridae | | |
| BOLD:AAM7996 | Flies (Diptera) | Scuttle fly | Phoridae | | |
| BOLD:AAU8534 | Flies (Diptera) | Scuttle fly | Phoridae | | |
| BOLD:ACB0987 | Flies (Diptera) | Scuttle fly | Phoridae | | |
| BOLD:AAG3307 | Flies (Diptera) | Scuttle fly | Phoridae | | ✓ |
| BOLD:AAZ6701 | Flies (Diptera) | Scuttle fly | Phoridae | | |
| BOLD:AAG3233 | Flies (Diptera) | Scuttle fly | Phoridae | | |
| BOLD:ACB6729 | Flies (Diptera) | Scuttle fly | Phoridae | | |
| BOLD:ACD8933 | Flies (Diptera) | Flat-footed fly | <i>Platypyzina</i> | | ✓ |
| BOLD:AAF9314 | Flies (Diptera) | Moth fly | <i>Psychoda</i> | | |
| BOLD:AAG6756 | Flies (Diptera) | Flesh fly | <i>Boettcheria cimbicis</i> | | |
| BOLD:AAG6743 | Flies (Diptera) | Common flesh fly | <i>Sarcophaga carnaria</i> | | |
| BOLD:AAH3920 | Flies (Diptera) | Dark-winged fungus gnat | <i>Scatopsciara</i> | | |
| BOLD:AAH3942 | Flies (Diptera) | Dark-winged fungus gnat | Sciaridae | | |
| BOLD:ABV1201 | Flies (Diptera) | Dark-winged fungus gnat | Sciaridae | | |
| BOLD:AAG9570 | Flies (Diptera) | Black fly | <i>Simulium</i> | | ✓ |
| BOLD:AAG7275 | Flies (Diptera) | Lesser dung fly | <i>Pullimosina</i> | | |
| BOLD:AAG4653 | Flies (Diptera) | Hover fly | <i>Heringia</i> | | ✓ |
| BOLD:AAM7885 | Flies (Diptera) | Tachinid fly | <i>Hystricia abrupta</i> | | ✓ |
| BOLD:AAD2385 | Mayflies (Ephemeroptera) | Small minnow mayfly | <i>Baetis intercalaris</i> | | ✓ |
| BOLD:AAC9227 | Mayflies (Ephemeroptera) | Small minnow mayfly | <i>Plauditus cingulatus</i> | | ✓ |
| BOLD:AAZ8499 | True bugs (Hemiptera) | Whitefly | Aleyrodidae | | |
| BOLD:ABA5817 | True bugs (Hemiptera) | Whitefly | Aleyrodidae | | ✓ |
| BOLD:AAH2870 | True bugs (Hemiptera) | Aphid | <i>Euceraphis</i> | | |
| BOLD:ACF1270 | True bugs (Hemiptera) | Aphid | <i>Nearctaphis crataegifoliae</i> | | |
| BOLD:AAZ2091 | True bugs (Hemiptera) | Spittlebug | <i>Aphrophora</i> | | |
| BOLD:AAG8827 | True bugs (Hemiptera) | Spittlebug | <i>Lepyronia</i> | | |
| BOLD:AAG9374 | True bugs (Hemiptera) | Leafhopper | <i>Balclutha punctata</i> | | |
| BOLD:AAY6737 | True bugs (Hemiptera) | Leafhopper | <i>Balclutha</i> | | |
| BOLD:AAG2877 | True bugs (Hemiptera) | Sharpshooter | <i>Cuerna</i> | | |
| BOLD:AAG8839 | True bugs (Hemiptera) | Leafhopper | <i>Errastunus</i> | | |
| BOLD:ACC8165 | True bugs (Hemiptera) | Leafhopper | <i>Forcipata loca</i> | | |
| BOLD:AAZ2073 | True bugs (Hemiptera) | Leafhopper | <i>Osbornellus</i> | | ✓ |
| BOLD:AAN8410 | True bugs (Hemiptera) | Leafhopper | <i>Ribautiana</i> | | ✓ |
| BOLD:AAF5980 | True bugs (Hemiptera) | Leafhopper | <i>Typhlocyba pomaria</i> | | |
| BOLD:ABA5828 | True bugs (Hemiptera) | Leafhopper | <i>Typhlocyba</i> | | |
| BOLD:ACB0325 | True bugs (Hemiptera) | Cixiid planthopper | <i>Cixius misellus</i> | | ✓ |
| BOLD:AAA5803 | True bugs (Hemiptera) | Tarnished plant bug | <i>Lygus lineolaris</i> | | |
| BOLD:AAC4309 | True bugs (Hemiptera) | Plant bug | <i>Psallivius piceicola</i> | | |
| BOLD:ABZ2516 | Bees, wasps & ants (Hymenoptera) | Bumble bee | <i>Bombus impatiens</i> | | |
| BOLD:AAB1777 | Bees, wasps & ants (Hymenoptera) | Bumble bee | <i>Bombus vagans</i> | | |
| BOLD:AAI9645 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | <i>Dacnusa</i> | | ✓ |
| BOLD:AAH7424 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | <i>Praon</i> | | |
| BOLD:ABA5893 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | Alysiinae | | ✓ |
| BOLD:AAN8138 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | Alysiinae | | |
| BOLD:ACL8950 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | Alysiinae | | ✓ |

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|--------------|-----------------------------------|--------------------------|----------------------------------|---|---|
| BOLD:ACP7921 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | Braconidae | ✓ | ✓ |
| BOLD:AAG1439 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | Meteorinae | | |
| BOLD:AAZ3271 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | Rhyssalinae | | ✓ |
| BOLD:AAO2112 | Bees, wasps & ants (Hymenoptera) | Braconid wasp | Rhyssalinae | | |
| BOLD:AAM7405 | Bees, wasps & ants (Hymenoptera) | Gall wasp | Cynipidae | | ✓ |
| BOLD:ABW3284 | Bees, wasps & ants (Hymenoptera) | Gall wasp | Cynipidae | | ✓ |
| BOLD:ACD0542 | Bees, wasps & ants (Hymenoptera) | Diapriid wasp | Diapriidae | | ✓ |
| BOLD:AAU8478 | Bees, wasps & ants (Hymenoptera) | Chalcid wasp | Encyrtidae | | ✓ |
| BOLD:ACP7596 | Bees, wasps & ants (Hymenoptera) | Chalcid wasp | Encyrtidae | ✓ | ✓ |
| BOLD:ACL6258 | Bees, wasps & ants (Hymenoptera) | Chalcid wasp | Encyrtidae | | ✓ |
| BOLD:ABA2854 | Bees, wasps & ants (Hymenoptera) | Chalcid wasp | <i>Aprostocetus</i> | | ✓ |
| BOLD:ABA8062 | Bees, wasps & ants (Hymenoptera) | Chalcid wasp | <i>Eurytoma</i> | | ✓ |
| BOLD:AAD7490 | Bees, wasps & ants (Hymenoptera) | Rover ant | <i>Brachymyrmex</i> | | |
| BOLD:AAA1468 | Bees, wasps & ants (Hymenoptera) | Wood ant | <i>Formica</i> | | |
| BOLD:ACP9284 | Bees, wasps & ants (Hymenoptera) | Ant | Myrmicinae | ✓ | ✓ |
| BOLD:AAA5973 | Bees, wasps & ants (Hymenoptera) | Sweat bee | <i>Lasioglossum cressonii</i> | | ✓ |
| BOLD:AAD7375 | Bees, wasps & ants (Hymenoptera) | Sweat bee | <i>Sphecodes</i> | | ✓ |
| BOLD:AAA9338 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | <i>Apechthis</i> | | |
| BOLD:ABZ4363 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | <i>Cymodusa distincta</i> | | |
| BOLD:ACH0295 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | <i>Gambrus</i> | | ✓ |
| BOLD:AAG8275 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | <i>Gambrus</i> | | ✓ |
| BOLD:AAU8490 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | <i>Lysibia</i> | | ✓ |
| BOLD:AAU8218 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | <i>Orthocentrus</i> | | |
| BOLD:AAJ5372 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | <i>Stenomacrus</i> | | |
| BOLD:ABY7035 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | Cryptinae | | |
| BOLD:ABX2589 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | Cryptinae | | ✓ |
| BOLD:ABZ1476 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | Ctenopelmatinae | | ✓ |
| BOLD:AAN8161 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | Ichneumonidae | | |
| BOLD:AAH1882 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | Ichneumoninae | | ✓ |
| BOLD:AAH1731 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | Ichneumoninae | | ✓ |
| BOLD:ACI4230 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | Ichneumoninae | | ✓ |
| BOLD:AAA5524 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | Mesochorinae | | |
| BOLD:AAH1826 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | Orthocentrinae | | ✓ |
| BOLD:AAU9331 | Bees, wasps & ants (Hymenoptera) | Ichneumon wasp | Orthocentrinae | | ✓ |
| BOLD:ACJ1417 | Bees, wasps & ants (Hymenoptera) | Megaspilid wasp | Megaspilidae | | |
| BOLD:ABX2601 | Bees, wasps & ants (Hymenoptera) | Fairyfly | Mymaridae | | |
| BOLD:AAU8570 | Bees, wasps & ants (Hymenoptera) | Platygastrid wasp | <i>Synopeas</i> | | ✓ |
| BOLD:AAU8571 | Bees, wasps & ants (Hymenoptera) | Platygastrid wasp | <i>Synopeas</i> | | |
| BOLD:AAN8098 | Bees, wasps & ants (Hymenoptera) | Platygastrid wasp | <i>Telenomus</i> | | |
| BOLD:ABA6042 | Bees, wasps & ants (Hymenoptera) | Platygastrid wasp | <i>Telenomus</i> | | ✓ |
| BOLD:ABA6117 | Bees, wasps & ants (Hymenoptera) | Platygastrid wasp | Scelioninae | | ✓ |
| BOLD:ACD9348 | Bees, wasps & ants (Hymenoptera) | Platygastrid wasp | Platygastridae | | ✓ |
| BOLD:ACD3193 | Bees, wasps & ants (Hymenoptera) | Platygastrid wasp | Platygastrinae | | |
| BOLD:ACM5446 | Bees, wasps & ants (Hymenoptera) | Platygastrid wasp | Platygastrinae | | ✓ |
| BOLD:ACN3406 | Bees, wasps & ants (Hymenoptera) | Chalcid wasp | Toryminae | | ✓ |
| BOLD:AAE0242 | Bees, wasps & ants (Hymenoptera) | Chalcid wasp | <i>Trichogramma</i> | | |
| BOLD:AAG7678 | Bees, wasps & ants (Hymenoptera) | Downy yellowjacket | <i>Vespula flavopilosa</i> | | |
| BOLD:AAD5593 | Bees, wasps & ants (Hymenoptera) | Eastern yellowjacket | <i>Vespula maculifrons</i> | | |
| BOLD:ACF4387 | Moths & butterflies (Lepidoptera) | Agonopterix moth | <i>Agonopterix argillacea</i> | | ✓ |
| BOLD:AAA4439 | Moths & butterflies (Lepidoptera) | Boxelder leafworm moth | <i>Chionodes obscurusella</i> | | |
| BOLD:AAA4969 | Moths & butterflies (Lepidoptera) | Twirler moth | <i>Coleotechnites blastovora</i> | | ✓ |
| BOLD:ACE9385 | Moths & butterflies (Lepidoptera) | Hemlock looper moth | <i>Lambdina fiscellaria</i> | | ✓ |
| BOLD:AAH4508 | Moths & butterflies (Lepidoptera) | Leaf blotch miner moth | <i>Caloptilia invariabilis</i> | | ✓ |
| BOLD:AAD5802 | Moths & butterflies (Lepidoptera) | Leaf blotch miner moth | <i>Parectopa occulta</i> | | |
| BOLD:AAA9457 | Moths & butterflies (Lepidoptera) | Tortricid moth | <i>Epinotia radicana</i> | | |
| BOLD:AAA9458 | Moths & butterflies (Lepidoptera) | Tortricid moth | <i>Epinotia radicana</i> | | |
| BOLD:AAA5486 | Moths & butterflies (Lepidoptera) | Buff-tipped Phaneta moth | <i>Phaneta ochroterminana</i> | | ✓ |
| BOLD:AAU1711 | Lacewings (Neuroptera) | Dustwing | <i>Conwentzia pineticola</i> | | |
| BOLD:ACM0436 | Stoneflies (Plecoptera) | Rolled-winged stonefly | <i>Leuctra</i> | | ✓ |
| BOLD:AAH3228 | Barklice & booklice (Psocoptera) | Lizard barklouse | <i>Valenzuela</i> | | |
| BOLD:AAP4636 | Barklice & booklice (Psocoptera) | Lizard barklouse | Caeciliusidae | | ✓ |
| BOLD:AAP4635 | Barklice & booklice (Psocoptera) | Common barklouse | <i>Trichadenotecnum majus</i> | | |

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|--------------|----------------------------------|-----------------------|---------------------------|--|---|
| BOLD:ACD2779 | Barklice & booklice (Psocoptera) | Common barklouse | Psocidae | | |
| BOLD:ABW5646 | Barklice & booklice (Psocoptera) | Common barklouse | Psocidae | | ✓ |
| BOLD:AAP4628 | Barklice & booklice (Psocoptera) | Barklouse | Psocoptera | | |
| BOLD:AAM8930 | Barklice & booklice (Psocoptera) | Barklouse | Psocoptera | | |
| BOLD:AAH3232 | Barklice & booklice (Psocoptera) | Barklouse | Psocoptera | | |
| BOLD:ABA6550 | Barklice & booklice (Psocoptera) | Barklouse | Psocoptera | | |
| BOLD:ABX2572 | Thrips (Thysanoptera) | Tube-tailed thrips | Phlaeothripidae | | |
| BOLD:AAA3678 | Caddisflies (Trichoptera) | Netspinning caddisfly | <i>Hydropsyche morosa</i> | | ✓ |