



# 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 21 that were deployed for the program.

BIN	Group (scientific name)	Species common name (scientific name)	New	Rare
BOLD:AAD6926	Spiders (Araneae)	Ghost Spider ( <i>Anyphaena pectorosa</i> )		
BOLD:AAD5417	Spiders (Araneae)	Leafcurling sac spider ( <i>Clubiona obesa</i> )	✓	
BOLD:AAI3701	Spiders (Araneae)	Dwarf spider ( <i>Ceraticelus atriceps</i> )	✓	
BOLD:AAB7601	Spiders (Araneae)	Yellow sac spider ( <i>Cheiracanthium mildei</i> )		
BOLD:AAB7995	Spiders (Araneae)	Stretch spider ( <i>Tetragnatha versicolor</i> )		
BOLD:AAC7413	Spiders (Araneae)	Crab spider ( <i>Ozyptila praticola</i> )		
BOLD:ACJ6896	Spiders (Araneae)	Sheet weaver spider ( <i>Mermessus entomologicus</i> )		
BOLD:AAA7244	Springtails (Collembola)	Slender springtail ( <i>Entomobrya nivalis</i> )		
BOLD:AAB8452	Springtails (Collembola)	Slender springtail ( <i>Lepidocyrtus paradoxus</i> )		
BOLD:AAI3390	Springtails (Collembola)	Slender springtail ( <i>Lepidocyrtus</i> )		
BOLD:AAP7062	Beetles (Coleoptera)	Leaf beetle (Crepidodera)		
BOLD:ABA3960	Beetles (Coleoptera)	Strawberry rootworm ( <i>Paria fragariae</i> )		
BOLD:ABA6320	Beetles (Coleoptera)	Leaf beetle (Chrysomelidae)		
BOLD:ACJ7059	Beetles (Coleoptera)	Leaf beetle (Chrysomelidae)	✓	
BOLD:AAH0237	Beetles (Coleoptera)	Checkered beetle ( <i>Enoclerus nigripes dubius</i> )	✓	
BOLD:AAB5640	Beetles (Coleoptera)	Halloween lady beetle ( <i>Harmonia axyridis</i> )		
BOLD:AAD7604	Beetles (Coleoptera)	Spotted lady beetle ( <i>Coleomegilla maculata</i> )		
BOLD:AAN6155	Beetles (Coleoptera)	Minute hooded beetle (Corylophidae)	✓	
BOLD:ABA2914	Beetles (Coleoptera)	Fungus beetle ( <i>Sericoderus lateralis</i> )		
BOLD:AAP7030	Beetles (Coleoptera)	Silken fungus beetle (Atomariinae)		
BOLD:ABX4786	Beetles (Coleoptera)	Silken fungus beetle ( <i>Cryptophagus</i> )	✓	
BOLD:AAN6148	Beetles (Coleoptera)	False metallic wood-boring beetle ( <i>Trixagus carinicollis</i> )		
BOLD:ACG9499	Beetles (Coleoptera)	Fungus weevil (Anthribidae)		
BOLD:AAG1996	Flies (Diptera)	Wood gnat ( <i>Sylvicola</i> )		
BOLD:AAL7534	Flies (Diptera)	Wood gnat ( <i>Sylvicola</i> )		
BOLD:AAA3453	Flies (Diptera)	House fly ( <i>Delia antiqua</i> )		
BOLD:AAF4234	Flies (Diptera)	Root maggot fly ( <i>Hylemya</i> )		
BOLD:AAG2467	Flies (Diptera)	Bean seed fly ( <i>Delia florilega</i> )		
BOLD:AAN5417	Flies (Diptera)	Acalyptrate muscoid (Asteiidae)		
BOLD:AAA8931	Flies (Diptera)	Blow fly (Calliphoridae)		
BOLD:AAB9140	Flies (Diptera)	Black blow fly ( <i>Phormia regina</i> )	✓	
BOLD:AAH3035	Flies (Diptera)	Custer fly ( <i>Pollenia</i> )		
BOLD:AAH3661	Flies (Diptera)	Gall midge (Cecidomyiidae)		
BOLD:AAN5198	Flies (Diptera)	Gall midge (Cecidomyiidae)		
BOLD:ABA6413	Flies (Diptera)	Gall midge (Cecidomyiidae)		
BOLD:ABA6448	Flies (Diptera)	Gall midge (Cecidomyiidae)	✓	
BOLD:AAG6433	Flies (Diptera)	Biting midge (Ceratopogonidae)		
BOLD:AAN5148	Flies (Diptera)	Biting midge ( <i>Forcipomyia</i> )		
BOLD:AAV5212	Flies (Diptera)	Biting midge (Ceratopogonidae)		
BOLD:AAC8567	Flies (Diptera)	Non-biting midge ( <i>Ablabesmyia</i> )		
BOLD:AAC9199	Flies (Diptera)	Non-biting midge ( <i>Krenopelopia</i> )		
BOLD:AAM6286	Flies (Diptera)	Non-biting midge (Chironomidae)		
BOLD:AAN5341	Flies (Diptera)	Non-biting midge (Chironomidae)		
BOLD:AAN5342	Flies (Diptera)	Non-biting midge (Chironomidae)		
BOLD:AAQ0602	Flies (Diptera)	Non-biting midge (Chironomidae)	✓	
BOLD:AAU6603	Flies (Diptera)	Non-biting midge (Chironomidae)		
BOLD:ABW5528	Flies (Diptera)	Non-biting midge ( <i>Limnophyes</i> )		
BOLD:ABY3407	Flies (Diptera)	Non-biting midge ( <i>Corynoneura</i> )	✓	
BOLD:ACF2457	Flies (Diptera)	Non-biting midge ( <i>Paratanytarsus</i> )		
BOLD:ABY9688	Flies (Diptera)	Frit fly ( <i>Thaumatomyia glabra</i> )		
BOLD:AAJ4032	Flies (Diptera)	Druid fly ( <i>Clusiodes johnsoni</i> )		

BOLD:AAB8851	Flies (Diptera)	Fruit fly ( <i>Drosophila</i> )		✓
BOLD:AAC7070	Flies (Diptera)	Fruit fly ( <i>Drosophila neotestacea</i> )		
BOLD:AAC6974	Flies (Diptera)	Dryomyzid fly ( <i>Dryomyza anilis</i> )		
BOLD:AAH0832	Flies (Diptera)	Dryomyzid fly ( <i>Dryomyza</i> )		
BOLD:AAF7101	Flies (Diptera)	Little house fly ( <i>Fannia</i> )		
BOLD:AAG4620	Flies (Diptera)	Little house fly ( <i>Fannia sociella</i> )		✓
BOLD:AAJ2208	Flies (Diptera)	Limoniid crane fly ( <i>Limonia immatura</i> )		✓
BOLD:AAG9974	Flies (Diptera)	Spear-winged fly ( <i>Lonchoptera bifurcata</i> )		
BOLD:AAG1710	Flies (Diptera)	House fly ( <i>Thricops diaphanus</i> )		✓
BOLD:AAG1714	Flies (Diptera)	House fly ( <i>Muscina pascuorum</i> )		
BOLD:AAG1739	Flies (Diptera)	House fly (Muscidae)		✓
BOLD:AAL2750	Flies (Diptera)	House fly ( <i>Phaonia tuguriorum</i> )		
BOLD:AAL9145	Flies (Diptera)	Fungus gnat ( <i>Brevicornu sp.</i> )		
BOLD:AAM8979	Flies (Diptera)	Fungus gnat ( <i>Mycetophila</i> )		
BOLD:AAM8998	Flies (Diptera)	Fungus gnat (Mycetophilidae)		✓
BOLD:ACA3426	Flies (Diptera)	Fungus gnat (Mycetophilidae)		✓
BOLD:AAG3236	Flies (Diptera)	Scuttle fly ( <i>Diplonevra nitidula</i> )		
BOLD:AAG3248	Flies (Diptera)	Scuttle fly ( <i>Megaselia arcticae</i> )		
BOLD:AAG3320	Flies (Diptera)	Scuttle fly (Phoridae)		
BOLD:AAG3340	Flies (Diptera)	Scuttle fly ( <i>Megaselia</i> )		✓
BOLD:AAG3350	Flies (Diptera)	Scuttle fly (Phoridae)		✓
BOLD:AAN8687	Flies (Diptera)	Scuttle fly (Phoridae)		
BOLD:AAP4687	Flies (Diptera)	Scuttle fly (Phoridae)		
BOLD:AAU6524	Flies (Diptera)	Scuttle fly ( <i>Megaselia</i> )		
BOLD:ABU5528	Flies (Diptera)	Scuttle fly ( <i>Megaselia</i> )		
BOLD:ACF0575	Flies (Diptera)	Scuttle fly ( <i>Megaselia</i> )		
BOLD:AAE5173	Flies (Diptera)	Moth fly (Psychodidae)		
BOLD:AAN8770	Flies (Diptera)	Moth fly ( <i>Psychoda trinodulosa</i> )		
BOLD:AAO8538	Flies (Diptera)	Moth fly (Psychodidae)		
BOLD:ABU5546	Flies (Diptera)	Moth fly (Psychodidae)		
BOLD:AAD0853	Flies (Diptera)	Dung fly ( <i>Scathophaga stercoraria</i> )		
BOLD:AAH0022	Flies (Diptera)	Dung fly ( <i>Scathophaga furcata</i> )		
BOLD:AAH3914	Flies (Diptera)	Dark-winged fungus gnat ( <i>Sciara</i> )		
BOLD:AAH3939	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAM9249	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAM9252	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAM9255	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAN6444	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAN6445	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAN6447	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAP6465	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAU6595	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAU6614	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAV1295	Flies (Diptera)	Black fungus gnat ( <i>Bradyisia difformis</i> )		
BOLD:AAY6412	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:ABA1231	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:ABA6488	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:ACE3123	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAA9710	Flies (Diptera)	Black fly ( <i>Simulium tuberosum</i> )		✓
BOLD:AAB1114	Flies (Diptera)	Black fly ( <i>Simulium</i> )		
BOLD:AAG3694	Flies (Diptera)	Soldier fly (Stratiomyidae)		
BOLD:AAE7386	Flies (Diptera)	Crane fly ( <i>Tipula paludosa</i> )		
BOLD:AAF4967	Flies (Diptera)	Limoniid crane fly ( <i>Discobola annulata</i> )		
BOLD:ABV9327	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		✓
BOLD:ACH2330	Flies (Diptera)	Non-biting midge ( <i>Ablabesmyia</i> )		
BOLD:ACJ7131	Flies (Diptera)	Black fly ( <i>Simulium</i> )		✓
BOLD:ACJ7147	Flies (Diptera)	Non-biting midge (Chironomidae)		✓
BOLD:AAZ8499	True bugs (Hemiptera)	Whitefly (Aleyrodidae)		
BOLD:AAA9899	True bugs (Hemiptera)	Bird cherry oat aphid ( <i>Rhopalosiphum padi</i> )		
BOLD:AAC4637	True bugs (Hemiptera)	Aphid ( <i>Rhopalomyzus lonicerae</i> )		✓
BOLD:ACJ3033	True bugs (Hemiptera)	Aphid ( <i>Utamphorophora humboldti</i> )		✓
BOLD:AAN8287	True bugs (Hemiptera)	Leafhopper (Typhlocybinae)		✓

BOLD:ABA5772	True bugs (Hemiptera)	Grape leafhopper ( <i>Erythroneura vulnerata</i> )		
BOLD:ABA8106	True bugs (Hemiptera)	Leafhopper ( <i>Erythroneura elegans</i> )		✓
BOLD:AAG4399	True bugs (Hemiptera)	Citrus flatid planthopper ( <i>Metcalfa pruinosa</i> )		
BOLD:AAE4645	True bugs (Hemiptera)	Plant bug ( <i>Phytocoris neglectus</i> )		✓
BOLD:ABY4560	True bugs (Hemiptera)	Plant bug ( <i>Phytocoris</i> )		✓
BOLD:ABV2541	True bugs (Hemiptera)	Damsel bug ( <i>Hoplitoscelis sordidus</i> )		
BOLD:AAD9964	True bugs (Hemiptera)	Stink bug ( <i>Brochymena</i> )		✓
BOLD:AAG2724	True bugs (Hemiptera)	Assassin bug ( <i>Zelus luridus</i> )		
BOLD:ACJ7233	True bugs (Hemiptera)	Minute pirate bug (Anthocoridae)	✓	✓
BOLD:AAQ2672	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Braconidae)		
BOLD:AAU8379	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Dinotrema</i> sp.)		
BOLD:AAU8585	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Aphidiinae)		
BOLD:AAU8762	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Braconidae)		✓
BOLD:AAZ3271	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Braconidae)		✓
BOLD:AAZ9744	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Blacus stelfoxi</i> )		
BOLD:AAM7487	Bees, wasps & ants (Hymenoptera)	Diapriid parasitic wasp (Diapriidae)		
BOLD:ABY8094	Bees, wasps & ants (Hymenoptera)	Chalcid wasp ( <i>Aprostocetus</i> sp.)		✓
BOLD:AAA1839	Bees, wasps & ants (Hymenoptera)	Ant ( <i>Myrmica</i> )		
BOLD:ABZ0423	Bees, wasps & ants (Hymenoptera)	Ant ( <i>Lasius</i> )		
BOLD:AAB1281	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Itoplectis</i> )		✓
BOLD:AAD5192	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Pimpla</i> )		
BOLD:AAD5194	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Pimpla</i> )		
BOLD:AAF7684	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Theronia hilaris</i> )		✓
BOLD:AAQ0387	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Pimplinae</i> )		
BOLD:AAO2111	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Hercus fontinalis</i> )		
BOLD:ABA6000	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Ichneumonidae)		
BOLD:AAU8562	Bees, wasps & ants (Hymenoptera)	Platygastrid parasitic wasp ( <i>Synopeas</i> )		
BOLD:ABV2761	Bees, wasps & ants (Hymenoptera)	Platygastrid parasitic wasp ( <i>Synopeas</i> )		✓
BOLD:AAY9194	Bees, wasps & ants (Hymenoptera)	Scelionid parasitic wasp ( <i>Telenomus</i> )		
BOLD:AAD5593	Bees, wasps & ants (Hymenoptera)	Eastern yellowjacket ( <i>Vespula maculifrons</i> )		
BOLD:AAG9055	Bees, wasps & ants (Hymenoptera)	Yellow jacket ( <i>Vespula germanica</i> )		
BOLD:AAN8098	Bees, wasps & ants (Hymenoptera)	Scelionid parasitic wasp ( <i>Telenomus</i> )		
BOLD:AAU8449	Bees, wasps & ants (Hymenoptera)	Diapriid parasitic wasp (Diapriidae)		
BOLD:AAU8578	Bees, wasps & ants (Hymenoptera)	Unidentified hymenoptera (Hymenoptera)		
BOLD:AAU8636	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Phaenocarpa</i> )		
BOLD:AAZ3289	Bees, wasps & ants (Hymenoptera)	Unidentified hymenoptera (Hymenoptera)		✓
BOLD:ABV2657	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Braconidae)		✓
BOLD:ABW3162	Bees, wasps & ants (Hymenoptera)	Platygastrid parasitic wasp ( <i>Synopeas</i> )		✓
BOLD:ABY0069	Bees, wasps & ants (Hymenoptera)	Parasitic wasp ( <i>Aphelinus</i> )		✓
BOLD:ACB0797	Bees, wasps & ants (Hymenoptera)	Unidentified hymenoptera (Hymenoptera)		✓
BOLD:ACE0270	Bees, wasps & ants (Hymenoptera)	Trichogrammatid wasp (Trichogrammatidae)	✓	
BOLD:ACI6984	Bees, wasps & ants (Hymenoptera)	Scelionid parasitic wasp ( <i>Trissolcus</i> )	✓	✓
BOLD:AAA7550	Moths & butterflies (Lepidoptera)	Featherduster agonopterix ( <i>Agonopterix pulvipennella</i> )		
BOLD:AAF0142	Moths & butterflies (Lepidoptera)	Fringe-tufted moth ( <i>Epermenia albapunctella</i> )		✓
BOLD:AAA2078	Moths & butterflies (Lepidoptera)	Pale beauty moth ( <i>Campaea perlata</i> )		
BOLD:AAA4057	Moths & butterflies (Lepidoptera)	Geometer moth ( <i>Hypagyrtis</i> )		✓
BOLD:AAI3014	Moths & butterflies (Lepidoptera)	Leaf miner moth ( <i>Phyllocnistis vitegenella</i> )		
BOLD:AAI3015	Moths & butterflies (Lepidoptera)	Virginia creeper leaf miner moth ( <i>Phyllocnistis ampelopsiella</i> )		✓
BOLD:AAA3364	Moths & butterflies (Lepidoptera)	Black cutworm ( <i>Agrotis ipsilon</i> )		
BOLD:AAA4426	Moths & butterflies (Lepidoptera)	Owlet moth ( <i>Sunira bicolorago</i> )		
BOLD:AAA8591	Moths & butterflies (Lepidoptera)	White-lined leafroller ( <i>Amorbia humerosana</i> )		✓
BOLD:AAX7020	Moths & butterflies (Lepidoptera)	Sap beetle ( <i>Epigaeia decliva</i> )		✓
BOLD:AAG0892	Lacewings (Neuroptera)	Brown lacewing (Hemerobiidae)		
BOLD:ACJ6860	Lacewings (Neuroptera)	Dustywing moth ( <i>Coniopteryx</i> )	✓	
BOLD:AAF9890	Grasshoppers & crickets (Orthoptera)	Narrow-winged tree cricket ( <i>Oecanthus niveus</i> )		
BOLD:AAP4624	Barklice & booklice (Psocoptera)	Barklouse (Psocoptera)		✓
BOLD:ACB0984	Barklice & booklice (Psocoptera)	Barklouse (Psocoptera)		
BOLD:ACF6782	Thrips (Thysanoptera)	Tube-tailed thrips (Phlaeothripidae)		✓
BOLD:ACJ7088	Thrips (Thysanoptera)	Tube-tailed thrips ( <i>Pseudophilothonrips</i> )	✓	✓
BOLD:AAE6317	Caddisflies (Trichoptera)	Caddisfly ( <i>Limnephilus</i> )		✓