



# 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:ACI9840	Mites (Arachnida)	Prostigmatic mite (Trombidiformes)		✓
BOLD:AAB7668	Spiders (Araneae)	Wolf spider ( <i>Pardosa milvina</i> )		
BOLD:AAB2768	Spiders (Araneae)	Philodromid crab spider ( <i>Philodromus rufus vibrans</i> )		
BOLD:ACJ7169	Spiders (Araneae)	Crab spider ( <i>Xysticus sp.</i> )	✓	✓
BOLD:AAI4706	Springtails (Collembola)	Springtail (Bourletiellidae)		✓
BOLD:AAA7242	Springtails (Collembola)	Slender springtail (Entomobryidae)		
BOLD:AAB3496	Springtails (Collembola)	Springtail ( <i>Sminthurinus elegans</i> )		✓
BOLD:AAH0385	Beetles (Coleoptera)	Sugarcane savior beetle ( <i>Leptotrichelus dorsalis</i> )		✓
BOLD:ABA6320	Beetles (Coleoptera)	Leaf beetle (Chrysomelidae)		
BOLD:AAA8933	Beetles (Coleoptera)	Lady beetle ( <i>Coccinella septempunctata</i> )		
BOLD:AAH3300	Beetles (Coleoptera)	Polished lady beetle ( <i>Cyclonedaa munda</i> )		
BOLD:AAB9578	Beetles (Coleoptera)	Bark beetle (Scolytinae)		✓
BOLD:AAH0256	Beetles (Coleoptera)	Minute brown scavenger beetle (Latridiidae)		
BOLD:AAH0074	Beetles (Coleoptera)	Marsh beetle (Scirtidae)		
BOLD:AAW6380	Beetles (Coleoptera)	Silvanid flat bark beetle ( <i>Telephanus velox</i> )		
BOLD:ABW2870	Beetles (Coleoptera)	Rove beetle ( <i>Meronera</i> )		
BOLD:AAJ7786	Beetles (Coleoptera)	Strawberry rootworm ( <i>Paria fragariae</i> )		✓
BOLD:AAU7040	Beetles (Coleoptera)	Minute hooded beetle (Corylophidae)		
BOLD:ACA4421	Beetles (Coleoptera)	Leaf beetle (Chrysomelidae)		
BOLD:AAG9897	Earwigs (Dermaptera)	Earwig ( <i>Forficula auricularia</i> sp. )		
BOLD:AAG2467	Flies (Diptera)	Bean seed fly ( <i>Delia florilega</i> )		
BOLD:AAG4827	Flies (Diptera)	Acalyprate muscoid (Anthomyzidae)		
BOLD:AAG6745	Flies (Diptera)	Custer fly ( <i>Pollenia pediculata</i> )		
BOLD:AAI2765	Flies (Diptera)	Custer fly ( <i>Pollenia labialis</i> )		
BOLD:AAN5178	Flies (Diptera)	Gall midge (Cecidomyiidae)		
BOLD:AAP9021	Flies (Diptera)	Gall midge (Cecidomyiidae)		
BOLD:AAD6377	Flies (Diptera)	Biting midge ( <i>Atrichopogon levis</i> )		
BOLD:AAN5162	Flies (Diptera)	Biting midge (Ceratopogonidae)		
BOLD:AAB7030	Flies (Diptera)	Non-biting midge ( <i>Chironomus</i> )		
BOLD:AAD2144	Flies (Diptera)	Non-biting midge ( <i>Tanytarsus wirthi</i> )		
BOLD:AAG1019	Flies (Diptera)	Non-biting midge ( <i>Smittia</i> sp. )		
BOLD:AAG5443	Flies (Diptera)	Non-biting midge (Chironomidae)		
BOLD:AAH2254	Flies (Diptera)	Non-biting midge ( <i>Tanytarsus</i> )		✓
BOLD:AAM6218	Flies (Diptera)	Non-biting midge (Chironomidae)		✓
BOLD:AAN5342	Flies (Diptera)	Non-biting midge (Chironomidae)		
BOLD:AAN5355	Flies (Diptera)	Non-biting midge ( <i>Smittia</i> )		
BOLD:ACA6769	Flies (Diptera)	Non-biting midge (Chironomidae)		✓
BOLD:ACB1854	Flies (Diptera)	Non-biting midge (Chironomidae)		
BOLD:AAB1148	Flies (Diptera)	Frit fly ( <i>Oscinella</i> )		✓
BOLD:AAD2041	Flies (Diptera)	Longlegged fly (Dolichopodidae)		✓
BOLD:AAG9668	Flies (Diptera)	Longlegged fly ( <i>Chrysotus</i> )		
BOLD:AAE2703	Flies (Diptera)	Amoena fly ( <i>Chymomyza amoena</i> )		
BOLD:ABA5203	Flies (Diptera)	Limoniid crane fly ( <i>Dicranomyia frontalis</i> )		
BOLD:AAG7070	Flies (Diptera)	Lance fly (Lonchaea)		
BOLD:AAG3236	Flies (Diptera)	Scuttle fly ( <i>Diplonevra nitidula</i> )		
BOLD:AAG3266	Flies (Diptera)	Scuttle fly ( <i>Megaselia</i> )		✓
BOLD:AAG3275	Flies (Diptera)	Scuttle fly ( <i>Megaselia</i> )		
BOLD:AAP6410	Flies (Diptera)	Scuttle fly ( <i>Megaselia</i> )		✓
BOLD:AAU6524	Flies (Diptera)	Scuttle fly ( <i>Megaselia</i> )		
BOLD:ABA6461	Flies (Diptera)	Scuttle fly (Phoridae)		
BOLD:ABU5528	Flies (Diptera)	Scuttle fly ( <i>Megaselia</i> )		

BOLD:ABU5529	Flies (Diptera)	Scuttle fly ( <i>Megaselia</i> sp.)		
BOLD:AAG1656	Flies (Diptera)	Big-headed fly ( <i>Tomosvaryella</i> )		✓
BOLD:AAH3920	Flies (Diptera)	Dark-winged fungus gnat ( <i>Scatopsciara</i> )		
BOLD:AAH3947	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAH3979	Flies (Diptera)	Dark-winged fungus gnat ( <i>Sciara</i> )		
BOLD:AAN6770	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAP6465	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAV1295	Flies (Diptera)	Black fungus gnat ( <i>Bradyisia difformis</i> )		
BOLD:AAV1367	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		✓
BOLD:ABA1215	Flies (Diptera)	Dark-winged fungus gnat ( <i>Lycoriella castanescens</i> )		
BOLD:ABA6407	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:ABU5521	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:ACF4135	Flies (Diptera)	Dark-winged fungus gnat ( <i>Scatopsciara</i> )		
BOLD:AAE9313	Flies (Diptera)	Marsh fly ( <i>Tetanocera</i> )		✓
BOLD:AAG7276	Flies (Diptera)	Small dung fly (Sphaeroceridae)		✓
BOLD:AAG7289	Flies (Diptera)	Small dung fly (Sphaeroceridae)		
BOLD:AAB2384	Flies (Diptera)	Hover fly (Syrphinae)		
BOLD:AAC1312	Flies (Diptera)	Hover fly ( <i>Toxomerus geminatus</i> )		
BOLD:ACF4734	Flies (Diptera)	Hover fly ( <i>Platycheirus hyperboreus</i> )		
BOLD:AAF8978	Flies (Diptera)	Crane fly ( <i>Tipula</i> )		✓
BOLD:ABV1200	Flies (Diptera)	Non-biting midge (Chironomidae)		✓
BOLD:ABV3275	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:ABY4914	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		✓
BOLD:ACB9812	Flies (Diptera)	Cabbage fly (Anthomyiidae)		✓
BOLD:ACC7829	Flies (Diptera)	Scuttle fly (Phoridae)		✓
BOLD:ACC8146	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		✓
BOLD:ACC9085	Flies (Diptera)	Limoniid crane fly ( <i>Dicranomyia</i> )		✓
BOLD:ACJ7040	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)	✓	✓
BOLD:ACJ7132	Flies (Diptera)	Non-biting midge (Chironomidae)	✓	✓
BOLD:ACJ7133	Flies (Diptera)	March fly (Bibionidae)	✓	✓
BOLD:ACJ7458	Flies (Diptera)	Non-biting midge (Chironomidae)	✓	✓
BOLD:AAZ2075	True bugs (Hemiptera)	Insidious flower bug ( <i>Orius insidiosus</i> )		
BOLD:ACE6812	True bugs (Hemiptera)	Insidious flower bug ( <i>Orius insidiosus</i> )		
BOLD:AAA3759	True bugs (Hemiptera)	Yellow clover aphid ( <i>Theroaphis trifolii</i> )		
BOLD:AAC5979	True bugs (Hemiptera)	Poplar petiolegall aphid ( <i>Pemphigus populitransversus</i> )		
BOLD:AAE3015	True bugs (Hemiptera)	Thistle aphid ( <i>Capitophorus elaeagni</i> )		
BOLD:AAG8827	True bugs (Hemiptera)	Spittlebug ( <i>Lepyronea quadrangularis</i> )		
BOLD:AAG2874	True bugs (Hemiptera)	Leafhopper (Cicadellidae)		
BOLD:AAG8758	True bugs (Hemiptera)	Sharpshooter ( <i>Draeculacephala</i> )		
BOLD:AAN8243	True bugs (Hemiptera)	Leafhopper ( <i>Balclutha abdominalis</i> )		✓
BOLD:ACE4335	True bugs (Hemiptera)	Leafhopper ( <i>Forcipata loca</i> )		
BOLD:AAD6197	True bugs (Hemiptera)	Big-eyed bug ( <i>Geocoris</i> )		✓
BOLD:AAG8889	True bugs (Hemiptera)	Long-necked seed bug ( <i>Myodocha serripes</i> )		✓
BOLD:AAB8143	True bugs (Hemiptera)	Damsel bug ( <i>Nabis</i> )		
BOLD:ACJ7208	True bugs (Hemiptera)	Leafhopper (Cicadellidae)	✓	✓
BOLD:ABW3282	Bees, wasps & ants (Hymenoptera)	Parasitic wasp ( <i>Aphelinus varipes</i> )		
BOLD:AAA4782	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Protopanteles</i> )		
BOLD:AAG8408	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Meteorus</i> )		
BOLD:AAH3171	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Alysiinae)		
BOLD:AAQ2892	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Braconidae)		✓
BOLD:AAU8452	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Dinotrema</i> )		
BOLD:AAU8583	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Braconidae)		
BOLD:ABA8844	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Cotesia</i> )		✓
BOLD:ABZ3353	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Microplitis</i> sp.)		✓
BOLD:ACF3746	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Asobara</i> )		
BOLD:ACE6083	Bees, wasps & ants (Hymenoptera)	Gall wasp (Cynipidae)		✓
BOLD:AAP6714	Bees, wasps & ants (Hymenoptera)	Diapriid parasitic wasp (Diapriidae)		
BOLD:AAA1839	Bees, wasps & ants (Hymenoptera)	Ant ( <i>Myrmica</i> )		
BOLD:AAB8259	Bees, wasps & ants (Hymenoptera)	Pavement ant ( <i>Tetramorium</i> )		✓
BOLD:AAB9126	Bees, wasps & ants (Hymenoptera)	Ant ( <i>Lasius</i> )		
BOLD:AAD7490	Bees, wasps & ants (Hymenoptera)	Rover ant ( <i>Brachymyrmex depilis</i> )		
BOLD:AAD4214	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Ichneumonidae)		

BOLD:AAF1382	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Cryptinae)		✓
BOLD:AAG7645	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Vulgichneumon deceptor</i> )		
BOLD:AAG7721	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Ichneumonidae)		✓
BOLD:AAG7744	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Ichneumonidae)		
BOLD:AAG8257	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Orthocentrinae)		
BOLD:AAJ5372	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Stenomacrus</i> sp. )		✓
BOLD:AAM9117	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Ichneumonidae)		
BOLD:AAP6689	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Stenomacrus</i> )		
BOLD:AAU8441	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Meloboris</i> )		
BOLD:ABZ4364	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Cymodusa distincta</i> )		✓
BOLD:ABZ8281	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Sinophorus</i> )		✓
BOLD:ACE4233	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Megastylus</i> )		
BOLD:ACJ5716	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Aclastus</i> )		✓
BOLD:ACF6761	Bees, wasps & ants (Hymenoptera)	Megaspilid parasitic wasp (Megaspilidae)		
BOLD:ABZ8208	Bees, wasps & ants (Hymenoptera)	Platygastrid parasitic wasp ( <i>Leptasis</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:AAN7892	Bees, wasps & ants (Hymenoptera)	Spider wasp (Pompilidae)		✓
BOLD:AAP6708	Bees, wasps & ants (Hymenoptera)	Gall wasp (Cynipidae)		
BOLD:AAU8573	Bees, wasps & ants (Hymenoptera)	Unidentified hymenoptera (Hymenoptera)		
BOLD:AAU9439	Bees, wasps & ants (Hymenoptera)	Unidentified hymenoptera (Hymenoptera)		✓
BOLD:ABA6038	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Dinotrema</i> )		
BOLD:ABW3183	Bees, wasps & ants (Hymenoptera)	Unidentified hymenoptera (Hymenoptera)		
BOLD:ABW3305	Bees, wasps & ants (Hymenoptera)	ichneumon wasp (Ichneumonidae)		
BOLD:ABX2601	Bees, wasps & ants (Hymenoptera)	Fairy wasp (Mymaridae)		
BOLD:ABZ7422	Bees, wasps & ants (Hymenoptera)	Moisture ant ( <i>Lasius</i> )		✓
BOLD:ACF9546	Bees, wasps & ants (Hymenoptera)	Diapriid parasitic wasp (Diapriidae)		✓
BOLD:ACJ6892	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Alysinae</i> )		✓
BOLD:ACJ6936	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Acrolyta</i> )		✓
BOLD:ACJ7082	Bees, wasps & ants (Hymenoptera)	Platygastrid parasitic wasp (Platygastridae)		✓
BOLD:ACJ7416	Bees, wasps & ants (Hymenoptera)	Unidentified hymenoptera (Hymenoptera)		✓
BOLD:ABA1129	Moths & butterflies (Lepidoptera)	Ribbed-cocoon maker moth ( <i>Bucculatrix</i> )		✓
BOLD:ABA5650	Moths & butterflies (Lepidoptera)	Leaf miner moth ( <i>Phyllocnistis</i> )		✓
BOLD: AAC4337	Moths & butterflies (Lepidoptera)	Norway maple seedminer ( <i>Ectoedemia sericopeza</i> )		✓
BOLD:AAA4426	Moths & butterflies (Lepidoptera)	Owlet moth ( <i>Sunira bicolorago</i> )		
BOLD:ACF3649	Moths & butterflies (Lepidoptera)	Borer moth ( <i>Papaipema baptisiae</i> )		✓
BOLD:AAG0906	Lacewings (Neuroptera)	Brown lacewing (Hemerobiidae)		
BOLD:ABZ0282	Grasshoppers & crickets (Orthoptera)	Brown sword-tail cricket ( <i>Anaxipha</i> )		✓
BOLD:ACA6602	Grasshoppers & crickets (Orthoptera)	Striped ground cricket ( <i>Allonemobius fasciatus</i> )		✓
BOLD:AAM8933	Barklice & booklice (Psocoptera)	Barklouse (Psocoptera)		
BOLD:AAN8449	Barklice & booklice (Psocoptera)	Barklouse (Psocoptera)		