



# 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:ABW5642	Mites (Arachnida)	Whirligig mite (Anystidae)		
BOLD:ACC0536	Mites (Arachnida)	Mite (Blattisociidae)		
BOLD:AAN4894	Spiders (Araneae)	Six-spotted orb weaver ( <i>Araniella displicata</i> )	✓	
BOLD:AAI1296	Spiders (Araneae)	Corinnid sac spider ( <i>Scotinella britcheri</i> )	✓	
BOLD:AAB7601	Spiders (Araneae)	Yellow sac spider ( <i>Cheiracanthium mildei</i> )		
BOLD:AAA6381	Spiders (Araneae)	Stretch spider ( <i>Tetragnatha laboriosa</i> )	✓	
BOLD:AAI3390	Springtails (Collembola)	Slender springtail ( <i>Lepidocyrtus</i> )		
BOLD:AAG4430	Beetles (Coleoptera)	Cavate tortoise beetle ( <i>Plagiometriona clavata</i> )		
BOLD:ABA6320	Beetles (Coleoptera)	Leaf beetle (Chrysomelidae)		
BOLD:AAU6970	Beetles (Coleoptera)	Checkered beetle ( <i>Enoclerus</i> )		
BOLD:AAB5640	Beetles (Coleoptera)	Halloween lady beetle ( <i>Harmonia axyridis</i> )		
BOLD:AAD7604	Beetles (Coleoptera)	Spotted lady beetle ( <i>Coleomegilla maculata</i> )		
BOLD:AAU7331	Beetles (Coleoptera)	Eastern ash bark beetle ( <i>Hylesinus aculeatus</i> )		
BOLD:AAH0256	Beetles (Coleoptera)	Minute brown scavenger beetle (Latridiidae)		
BOLD:AAN6154	Beetles (Coleoptera)	Minute brown scavenger beetle (Latridiidae)		
BOLD:AAU6932	Beetles (Coleoptera)	Sap beetle (Nitidulidae)	✓	
BOLD:AAH0107	Beetles (Coleoptera)	Rove beetle ( <i>Tachinus corticinus</i> )		
BOLD:ACF4289	Beetles (Coleoptera)	Rove beetle (Staphylinidae)		
BOLD:AAN6148	Beetles (Coleoptera)	False metallic wood-boring beetle ( <i>Trixagus carinicollis</i> )		
BOLD:ACF6553	Beetles (Coleoptera)	Snout beetle (Curculionidae)	✓	
BOLD:ACJ7409	Beetles (Coleoptera)	Snout beetle (Curculionidae)		
BOLD:AAG9897	Earwigs (Dermaptera)	Earwig ( <i>Forficula auricularia</i> sp.)		
BOLD:AAL7534	Flies (Diptera)	Wood gnat ( <i>Sylvicola</i> )		
BOLD:AAG2460	Flies (Diptera)	Root maggot fly ( <i>Hydrophoria lancifer</i> )		
BOLD:AAG2467	Flies (Diptera)	Bean seed fly ( <i>Delia florilega</i> )		
BOLD:AAN5497	Flies (Diptera)	Leaf miner fly ( <i>Pegomya</i> )		
BOLD:ABV3853	Flies (Diptera)	Aulacigastroid fly ( <i>Aulacigaster neoleucopeza</i> )		
BOLD:AAG6745	Flies (Diptera)	Custer fly ( <i>Pollenia pediculata</i> )		
BOLD:AAG6746	Flies (Diptera)	Common toad fly ( <i>Lucilia silvarum</i> )		
BOLD:AAH3035	Flies (Diptera)	Custer fly ( <i>Pollenia</i> )		
BOLD:AAH3661	Flies (Diptera)	Gall midge (Cecidomyiidae)		
BOLD:AAM6129	Flies (Diptera)	Gall midge (Cecidomyiidae)		
BOLD:AAP9022	Flies (Diptera)	Gall midge (Cecidomyiidae)		
BOLD:AAN5148	Flies (Diptera)	Biting midge ( <i>Forcipomyia</i> )		
BOLD:AAB4657	Flies (Diptera)	Non-biting midge ( <i>Chironomus maturus</i> )		
BOLD: AAC0706	Flies (Diptera)	Non-biting midge ( <i>Dicrotendipes tritomus</i> )		
BOLD: AAC4197	Flies (Diptera)	Non-biting midge ( <i>Paraphaenocladius impensus</i> )		
BOLD: AAF7088	Flies (Diptera)	Non-biting midge ( <i>Micropsectra</i> )		
BOLD: AAG1002	Flies (Diptera)	Non-biting midge ( <i>Cricotopus annulator</i> cmplx)	✓	
BOLD: AAG1021	Flies (Diptera)	Non-biting midge ( <i>Bryophaenocladius</i> sp.)		
BOLD: AAG5457	Flies (Diptera)	Non-biting midge (Chironominae)		
BOLD: AAH2252	Flies (Diptera)	Non-biting midge ( <i>Tanytarsus</i> )	✓	
BOLD: AAL7329	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: AAN5369	Flies (Diptera)	Non-biting midge ( <i>Heterotrissocladius</i> )		
BOLD: ABA6447	Flies (Diptera)	Non-biting midge (Chironomidae)		
BOLD: ABY9141	Flies (Diptera)	Non-biting midge ( <i>Cricotopus</i> )		
BOLD: AAA7067	Flies (Diptera)	Mosquito (Culicinae)		
BOLD: AAG2754	Flies (Diptera)	Shore fly ( <i>Nostima picta</i> )		✓
BOLD: AAF7101	Flies (Diptera)	Little house fly ( <i>Fannia</i> )		

BOLD:AAC2498	Flies (Diptera)	House fly ( <i>Helina</i> )		
BOLD:AAG1711	Flies (Diptera)	House fly ( <i>Helina depuncta</i> )		
BOLD:AAG1717	Flies (Diptera)	House fly ( <i>Helina</i> )		
BOLD:AAG4922	Flies (Diptera)	Fungus gnat ( <i>Mycetophila</i> )		
BOLD:ABU5545	Flies (Diptera)	Fungus gnat ( <i>Cordyla</i> )		
BOLD:ACF2821	Flies (Diptera)	Fungus gnat ( <i>Mycetophila fungorum</i> )		
BOLD:AAG3236	Flies (Diptera)	Scuttle fly ( <i>Diplonevra nitidula</i> )		
BOLD:AAU6624	Flies (Diptera)	Scuttle fly (Phoridae)		✓
BOLD:AAF9306	Flies (Diptera)	Moth fly (Psychodinae)		
BOLD:AAF9314	Flies (Diptera)	Moth fly ( <i>Psychoda</i> )		
BOLD:AAN8770	Flies (Diptera)	Moth fly ( <i>Psychoda trinodulosa</i> )		
BOLD:ABU5546	Flies (Diptera)	Moth fly (Psychodidae)		
BOLD:AAG6743	Flies (Diptera)	Flesh fly ( <i>Sarcophaga carnaria</i> )		
BOLD:AAG6756	Flies (Diptera)	Flesh fly ( <i>Boettcheria cimbicis</i> )		
BOLD:AAD0853	Flies (Diptera)	Dung fly ( <i>Scathophaga stercoraria</i> )		
BOLD:AAN8523	Flies (Diptera)	Minute black scavenger fly (Scatopsinae)		
BOLD:AAM9252	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAN6444	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAV1261	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAV1295	Flies (Diptera)	Black fungus gnat ( <i>Bradyia difformis</i> )		
BOLD:AAZ5626	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:ABU5520	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAG7312	Flies (Diptera)	Small dung fly (Limosininae)		✓
BOLD:AAC6088	Flies (Diptera)	Hover fly ( <i>Syrphus torvus</i> )		
BOLD:ACE4686	Flies (Diptera)	Hover fly ( <i>Syrphus rectus</i> )		
BOLD:AAE7386	Flies (Diptera)	Crane fly ( <i>Tipula paludosa</i> )		
BOLD:AAF8977	Flies (Diptera)	Crane fly ( <i>Tipula</i> )		✓
BOLD:ABV1401	Flies (Diptera)	Crane fly (Tipulidae)		✓
BOLD:AAF9771	Flies (Diptera)	Hybotid fly ( <i>Platypalpus</i> )		
BOLD:ABV1227	Flies (Diptera)	Non-biting midge (Chironomidae)		✓
BOLD:ABV1455	Flies (Diptera)	Non-biting midge (Chironomidae)		✓
BOLD:ACJ6954	Flies (Diptera)	Gall midge (Cecidomyiidae)		✓
BOLD:AAZ8500	True bugs (Hemiptera)	Whitefly (Aleyrodidae)		
BOLD:ABV2532	True bugs (Hemiptera)	Whitefly (Aleyrodidae)		✓
BOLD:AAA3759	True bugs (Hemiptera)	Yellow clover aphid ( <i>Theroaphis trifolii</i> )		
BOLD:AAA9899	True bugs (Hemiptera)	Bird cherry oat aphid ( <i>Rhopalosiphum padi</i> )		
BOLD:AAB1787	True bugs (Hemiptera)	Aphid (Aphidinae)		
BOLD:AAB7938	True bugs (Hemiptera)	Soybean aphid ( <i>Aphis glycines</i> )		
BOLD:AAH8366	True bugs (Hemiptera)	Hop aphid ( <i>Phorodon humuli</i> )		✓
BOLD:ACF2924	True bugs (Hemiptera)	Bird cherry oat aphid ( <i>Rhopalosiphum padi</i> )		
BOLD:AAZ2091	True bugs (Hemiptera)	Spittlebug ( <i>Aphrophora</i> )		
BOLD:AAY6742	True bugs (Hemiptera)	Leafhopper ( <i>Erythroneura vitifex</i> )		
BOLD:AAY9210	True bugs (Hemiptera)	Leafhopper (Cicadellidae)		
BOLD:AAN8423	True bugs (Hemiptera)	Planthopper ( <i>Delphacodes puella</i> )		
BOLD:AAG4399	True bugs (Hemiptera)	Citrus flatid planthopper ( <i>Metcalfa pruinosa</i> )		
BOLD:AAA5803	True bugs (Hemiptera)	Tarnished plant bug ( <i>Lytus lineolaris</i> )		
BOLD:ACE8426	True bugs (Hemiptera)	Plant bug ( <i>Orthops scutellatus</i> )		✓
BOLD:ABA0118	True bugs (Hemiptera)	Plant bug ( <i>Lyctocoris campestris</i> )		✓
BOLD:AAA4188	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Aphidiinae)		
BOLD:AAA4781	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Glyptapanteles</i> )		
BOLD:AAB8493	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Microplitis</i> )		
BOLD:AAD6802	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Aphidius</i> )		
BOLD:AAG1401	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Cotesia</i> )		
BOLD:AAH7428	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Aphidiinae)		
BOLD:AAU8379	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Dinotrema sp.</i> )		
BOLD:AAU8585	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Aphidiinae)		
BOLD:AAZ9744	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Blacus stelfoxi</i> )		
BOLD:ABW3216	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Praon</i> )		
BOLD:ACE2830	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Praon</i> )		
BOLD:ACE6783	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Apanteles ensiger</i> )		
BOLD:ACF4786	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Aphidius</i> )		
BOLD:AAM7487	Bees, wasps & ants (Hymenoptera)	Diapriid parasitic wasp (Diapriidae)		

BOLD:AAM7500	Bees, wasps & ants (Hymenoptera)	Diapriid parasitic wasp (Diapriidae)		✓
BOLD:AAP6714	Bees, wasps & ants (Hymenoptera)	Diapriid parasitic wasp (Diapriidae)		
BOLD:AAV6828	Bees, wasps & ants (Hymenoptera)	Diapriid parasitic wasp ( <i>Pantoclis hirtistilus</i> )		✓
BOLD:AAA1468	Bees, wasps & ants (Hymenoptera)	Wood Ant ( <i>Formica</i> )		
BOLD:AAA1839	Bees, wasps & ants (Hymenoptera)	Ant ( <i>Myrmica</i> )		
BOLD:AAB9126	Bees, wasps & ants (Hymenoptera)	Ant ( <i>Lasius</i> )		
BOLD:AAM7079	Bees, wasps & ants (Hymenoptera)	Ant ( <i>Hypoponera</i> )		
BOLD:AAM7181	Bees, wasps & ants (Hymenoptera)	Ant ( <i>Stenamma schmittii</i> )		✓
BOLD:AAC0868	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Barycnemis gravipes</i> )		✓
BOLD:AAG5792	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Campoletis sp.</i> )		
BOLD:AAG7794	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Lissonota coracina</i> )		
BOLD:AAP6689	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Stenomacrus</i> )		
BOLD:AAQ2692	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Ichneumonidae)		
BOLD:AAU8582	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Ichneumonidae)		
BOLD:AAV6795	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Mesochorus americanus</i> )		
BOLD:ACB6947	Bees, wasps & ants (Hymenoptera)	Fairy wasp (Mymaridae)		
BOLD:ABW3140	Bees, wasps & ants (Hymenoptera)	Platygastrid parasitic wasp (Platygastriidae)		✓
BOLD:AAG9055	Bees, wasps & ants (Hymenoptera)	Yellow jacket ( <i>Vespula germanica</i> )		
BOLD:AAG1352	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Braconidae)		
BOLD:AAU8578	Bees, wasps & ants (Hymenoptera)	Unidentified hymenoptera (Hymenoptera)		
BOLD:AAU8736	Bees, wasps & ants (Hymenoptera)	Diapriid parasitic wasp ( <i>Belyta validicornis</i> )		
BOLD:ABX9410	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Braconidae)		
BOLD:ACE0270	Bees, wasps & ants (Hymenoptera)	Trichogrammatid wasp (Trichogrammatidae)		✓
BOLD:ACJ7099	Bees, wasps & ants (Hymenoptera)	Scelionid parasitic wasp (Scelionidae)		✓ ✓
BOLD:ACJ7192	Bees, wasps & ants (Hymenoptera)	Platygastrid parasitic wasp (Platygastriidae)		✓ ✓
BOLD:ACJ7267	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Braconidae)		✓
BOLD:AAA4222	Moths & butterflies (Lepidoptera)	Green cloverworm ( <i>Hypena scabra</i> )		
BOLD:AAA7633	Moths & butterflies (Lepidoptera)	Geometer moth ( <i>Pleuroprucha insulsaria</i> )		✓
BOLD:AAC4327	Moths & butterflies (Lepidoptera)	Leaf miner moth ( <i>Phyllonorycter</i> )		
BOLD:AAA4426	Moths & butterflies (Lepidoptera)	Owlet moth ( <i>Sunira bicolorago</i> )		
BOLD:AAA6377	Moths & butterflies (Lepidoptera)	Pearly underwing moth ( <i>Peridroma saucia</i> )		
BOLD:AAA3447	Moths & butterflies (Lepidoptera)	True butterfly ( <i>Colias</i> )		✓
BOLD:AAG0906	Lacewings (Neuroptera)	Brown lacewing (Hemerobiidae)		
BOLD:AAN8447	Barklice & booklice (Psocoptera)	Barklouse ( <i>Valenzuela flavidus</i> )		
BOLD:AAO4092	Barklice & booklice (Psocoptera)	Barklouse ( <i>Valenzuela burmeisteri</i> )		
BOLD:AAH3228	Barklice & booklice (Psocoptera)	Barklouse (Psocoptera)		
BOLD:AAH3229	Barklice & booklice (Psocoptera)	Barklouse (Amphipsocidae)		
BOLD:ACE6318	Barklice & booklice (Psocoptera)	Barklouse (Psocoptera)		
BOLD:ABX5069	Caddisflies (Trichoptera)	Caddisfly ( <i>Hydroptila</i> )		
BOLD:AAB7629	Caddisflies (Trichoptera)	Autumn mottled sedge ( <i>Neophylax</i> )		