



# 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:AAB0863	Spiders (Araneae)	Wolf spider ( <i>Pardosa moesta</i> )		
BOLD:AAB7601	Spiders (Araneae)	Yellow sac spider ( <i>Cheiracanthium mildei</i> )		
BOLD:AAB7995	Spiders (Araneae)	Stretch spider ( <i>Tetragnatha versicolor</i> )		
BOLD:AAI4346	Harvestmen (Opiliones)	Harvestman ( <i>Phalangium opilio</i> )		
BOLD:AAH2753	Beetles (Coleoptera)	Ant-like flower beetle ( <i>Anthicidae</i> )		
BOLD:AAH0255	Beetles (Coleoptera)	Flea beetle ( <i>Phyllotreta</i> )		
BOLD:AAB5640	Beetles (Coleoptera)	Halloween lady beetle ( <i>Harmonia axyridis</i> )		
BOLD:AAH3299	Beetles (Coleoptera)	Black-spotted lady beetle ( <i>Hippodamia variegata</i> )		
BOLD:AAN6149	Beetles (Coleoptera)	Lady beetle ( <i>Stethorus punctillum</i> )		✓
BOLD:ABY0110	Beetles (Coleoptera)	Silken fungus beetle ( <i>Cryptophagus</i> )		
BOLD:AAH0256	Beetles (Coleoptera)	Minute brown scavenger beetle (Latridiidae)		
BOLD:AAG3633	Beetles (Coleoptera)	Marsh beetle ( <i>Cyphon</i> )		
BOLD:AAW6380	Beetles (Coleoptera)	Silvanid flat bark beetle ( <i>Telephanus velox</i> )		
BOLD:AAU7040	Beetles (Coleoptera)	Minute hooded beetle (Corylophidae)		
BOLD:AAD1945	Flies (Diptera)	Grass sheathminer ( <i>Cerodontha dorsalis</i> )		
BOLD:AAF6806	Flies (Diptera)	Leaf miner fly ( <i>Liriomyza brassicae</i> )		✓
BOLD:AAJ7105	Flies (Diptera)	Alfalfa blotch leafminer ( <i>Agromyza frontella</i> )		✓
BOLD:AAG2465	Flies (Diptera)	Cabbage root fly ( <i>Delia radicum</i> )		
BOLD:AAG6745	Flies (Diptera)	Custer fly ( <i>Pollenia pediculata</i> )		
BOLD:AAA1259	Flies (Diptera)	Gall midge (Cecidomyiidae)		
BOLD:AAG6460	Flies (Diptera)	Gall midge (Cecidomyiidae)		
BOLD:AAN5268	Flies (Diptera)	Gall midge (Cecidomyiidae)		
BOLD:AAG6433	Flies (Diptera)	Biting midge (Ceratopogonidae)		
BOLD:AAN5148	Flies (Diptera)	Biting midge ( <i>Forcipomyia</i> )		
BOLD:AAN5169	Flies (Diptera)	Biting midge (Ceratopogonidae)		
BOLD:AAB4657	Flies (Diptera)	Non-biting midge ( <i>Chironomus matusus</i> )		
BOLD:AAC4197	Flies (Diptera)	Non-biting midge ( <i>Paraphaenocladus impensus</i> )		
BOLD:AAD5253	Flies (Diptera)	Non-biting midge ( <i>Thienemanniella</i> )		
BOLD:AAE0707	Flies (Diptera)	Non-biting midge ( <i>Microtendipes pedellus</i> )		✓
BOLD:AAG1004	Flies (Diptera)	Non-biting midge ( <i>Cricotopus</i> )		
BOLD:AAG1021	Flies (Diptera)	Non-biting midge ( <i>Bryophaenocladus sp.</i> )		
BOLD:AAG5513	Flies (Diptera)	Non-biting midge (Chironomidae)		
BOLD:AAM6288	Flies (Diptera)	Non-biting midge (Chironomidae)		
BOLD:AAN5342	Flies (Diptera)	Non-biting midge (Chironomidae)		
BOLD:AAN5358	Flies (Diptera)	Non-biting midge ( <i>Smittia sp.</i> )		
BOLD:ABA6447	Flies (Diptera)	Non-biting midge (Chironomidae)		
BOLD:ACA6805	Flies (Diptera)	Non-biting midge (Chironomidae)		✓
BOLD:ACF0915	Flies (Diptera)	Non-biting midge (Chironomidae)		
BOLD:AAH4135	Flies (Diptera)	Frit fly ( <i>Thaumatomyia glabra</i> )		
BOLD:AAP5169	Flies (Diptera)	Frit fly (Chloropidae)		
BOLD:ABY9688	Flies (Diptera)	Frit fly ( <i>Thaumatomyia glabra</i> )		
BOLD:AAG9626	Flies (Diptera)	Longlegged fly (Dolichopodidae)		✓
BOLD:AAG9668	Flies (Diptera)	Longlegged fly ( <i>Chrysotus</i> )		
BOLD:AAN5534	Flies (Diptera)	Longlegged fly (Dolichopodidae)		✓
BOLD:AAV3887	Flies (Diptera)	Longlegged fly (Dolichopodidae)		✓
BOLD:AAG8493	Flies (Diptera)	Fruit fly (Drosophilinae)		
BOLD:AAP8908	Flies (Diptera)	Hybotid fly ( <i>Platypalpus trivialis</i> )		✓
BOLD:AAG7070	Flies (Diptera)	Lance fly (Lonchaea)		
BOLD:AAB5609	Flies (Diptera)	Tiger fly ( <i>Coenosia tigrina</i> )		
BOLD:AAB8817	Flies (Diptera)	House fly ( <i>Muscina</i> )		
BOLD:AAG1714	Flies (Diptera)	House fly ( <i>Muscina pascuorum</i> )		

BOLD:AAG1717	Flies (Diptera)	House fly ( <i>Helina</i> )		
BOLD:AAL2750	Flies (Diptera)	House fly ( <i>Phaonia tuguriorum</i> )		
BOLD:AAG4925	Flies (Diptera)	Fungus gnat (Mycetophilidae)		
BOLD:ACF2821	Flies (Diptera)	Fungus gnat ( <i>Mycetophila fungorum</i> )		
BOLD:AAG3236	Flies (Diptera)	Scuttle fly ( <i>Diplonevra nitidula</i> )		
BOLD:ABU5529	Flies (Diptera)	Scuttle fly ( <i>Megaselia</i> sp.)		
BOLD:AAG6743	Flies (Diptera)	Flesh fly ( <i>Sarcophaga carnaria</i> )		
BOLD:AAG6756	Flies (Diptera)	Flesh fly ( <i>Boettcheria cimbicis</i> )		
BOLD:AAP7702	Flies (Diptera)	Flesh fly ( <i>Sarcophagidae</i> )		
BOLD:ABV3201	Flies (Diptera)	Minute black scavenger fly (Scatopsidae)		
BOLD:AAM9252	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAV1261	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:AAZ5626	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:ABA6407	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		
BOLD:ACF9614	Flies (Diptera)	Dark-winged fungus gnat (Sciaridae)		✓
BOLD:AAG7279	Flies (Diptera)	Small dung fly ( <i>Spelobia ochripes</i> )		
BOLD:AAA9506	Flies (Diptera)	Hover fly (Syrphinae)		
BOLD:AAB2384	Flies (Diptera)	Hover fly (Syrphinae)		
BOLD:AAC1312	Flies (Diptera)	Hover fly ( <i>Toxomerus geminatus</i> )		
BOLD:ACE4686	Flies (Diptera)	Hover fly ( <i>Syrphus rectus</i> )		
BOLD:AAG2147	Flies (Diptera)	Tachina fly ( <i>Ptilodexia conjuncta</i> )		
BOLD:ACF5115	Flies (Diptera)	Tachina fly ( <i>Winthemia rufopicta</i> )		
BOLD:AAE7386	Flies (Diptera)	Crane fly ( <i>Tipula paludosa</i> )		
BOLD:AAE7387	Flies (Diptera)	Crane fly ( <i>Tipula</i> )		
BOLD:ABX6186	Flies (Diptera)	Crane fly ( <i>Nephrotoma</i> )		
BOLD:AAP8665	Flies (Diptera)	Picture-winged fly ( <i>Ulidiidae</i> )		✓
BOLD:AAF9014	Flies (Diptera)	Limoniid crane fly ( <i>Symplecta</i> )		✓
BOLD:AAM6324	Flies (Diptera)	Leaf miner fly (Agromyzidae)		✓
BOLD:AAO3939	Flies (Diptera)	Crane fly (Tipulidae)		
BOLD:ACI9754	Flies (Diptera)	Shore fly (Ephydriidae)		✓
BOLD:ACF2924	True bugs (Hemiptera)	Bird cherry oat aphid ( <i>Rhopalosiphum padi</i> )		
BOLD:AAA9422	True bugs (Hemiptera)	Aster leafhopper ( <i>Macrostelus quadrilineatus</i> )		
BOLD:AAG2898	True bugs (Hemiptera)	Leafhopper ( <i>Paraphlepsius</i> )		
BOLD:AAG3820	True bugs (Hemiptera)	Honeylocust treehopper ( <i>Microtalis calva</i> )		
BOLD:AAA5803	True bugs (Hemiptera)	Tarnished plant bug ( <i>Lygus lineolaris</i> )		
BOLD:AAO8353	True bugs (Hemiptera)	Plant bug ( <i>Spanagonicus albofasciatus</i> )		
BOLD:AAB8143	True bugs (Hemiptera)	Damsel bug ( <i>Nabis</i> )		
BOLD:AAF3715	True bugs (Hemiptera)	Seed bug ( <i>Neortholomus scolopax</i> )		✓
BOLD:ACJ6942	True bugs (Hemiptera)	Ahpid (Aphididae)	✓	✓
BOLD:AAA4188	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Aphidiinae)		
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:AAG1226	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Lysiphlebus</i> )		
BOLD:AAG1401	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Cotesia</i> )		
BOLD:AAG1405	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Meteorus</i> )		
BOLD:AAH1026	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Cotesia</i> )		✓
BOLD:AAU8583	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Braconidae)		
BOLD:AAU8585	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Aphidiinae)		
BOLD:AAZ9744	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp ( <i>Blacus stelfoxi</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:ACI2531	Bees, wasps & ants (Hymenoptera)	Aphid Hunter Wasp ( <i>Aphidius ervi</i> )		
BOLD:AAA7203	Bees, wasps & ants (Hymenoptera)	Chalcid wasp ( <i>Copidosoma</i> )		
BOLD:AAU8630	Bees, wasps & ants (Hymenoptera)	Chalcid wasp ( <i>Diglyphus pulchripes</i> )		
BOLD:ABX9553	Bees, wasps & ants (Hymenoptera)	Chalcid wasp ( <i>Tamarixia radiata</i> )		
BOLD:AAB9126	Bees, wasps & ants (Hymenoptera)	Ant ( <i>Lasius</i> )		
BOLD:AAC1302	Bees, wasps & ants (Hymenoptera)	Ant ( <i>Prenolepis imparis</i> )		
BOLD:AAA3782	Bees, wasps & ants (Hymenoptera)	Sweat bee ( <i>Lasioglossum</i> )		✓
BOLD:AAD4214	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Ichneumonidae)		
BOLD:AAF8320	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Diadegma</i> )		✓
BOLD:AAG7740	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Diadegma</i> )		✓
BOLD:AAG7794	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Lissonota coracina</i> )		

BOLD:AAH1693	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Cryptinae)		
BOLD:AAH1851	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Banchinae)		
BOLD:AAH2172	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Diplazontinae)		✓
BOLD:AAP2581	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Ichneumonidae)		✓
BOLD:AAP6689	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Stenomacrus</i> )		
BOLD:ABA6000	Bees, wasps & ants (Hymenoptera)	ichneumon wasp (Ichneumonidae)		
BOLD:ABA6165	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Ichneumonidae)		
BOLD:ABZ4363	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Cymodusa distincta</i> )		
BOLD:ABZ7958	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Ichneumonidae)		✓
BOLD:ACF0461	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Ichneumonidae)		
BOLD:ACF3297	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp (Ichneumonidae)		
BOLD:ACC5761	Bees, wasps & ants (Hymenoptera)	Platygastrid parasitic wasp (Platygastridae)		✓
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:AAN7709	Bees, wasps & ants (Hymenoptera)	Unidentified hymenoptera (Hymenoptera)		✓
BOLD:AAU8578	Bees, wasps & ants (Hymenoptera)	Unidentified hymenoptera (Hymenoptera)		
BOLD:AAU8584	Bees, wasps & ants (Hymenoptera)	Braconid parasitic wasp (Braconidae)		
BOLD:ABW3242	Bees, wasps & ants (Hymenoptera)	Platygastrid parasitic wasp (Platygastridae)		✓
BOLD:ABW3282	Bees, wasps & ants (Hymenoptera)	Parasitic wasp ( <i>Aphelinus varipes</i> )		
BOLD:ABX2601	Bees, wasps & ants (Hymenoptera)	Fairy wasp (Mymaridae)		
BOLD:ABY3391	Bees, wasps & ants (Hymenoptera)	Megaspilid parasitic wasp (Megaspilidae)		
BOLD:ACF7448	Bees, wasps & ants (Hymenoptera)	Unidentified hymenoptera (Hymenoptera)		
BOLD:ACI9210	Bees, wasps & ants (Hymenoptera)	Ichneumon wasp ( <i>Asthenolabus</i> )		✓
BOLD:ACI9913	Bees, wasps & ants (Hymenoptera)	Fairy wasp (Mymaridae)		✓
BOLD:AAA4507	Moths & butterflies (Lepidoptera)	Celery leaf-tier moth ( <i>Udea rubigalis</i> )		✓
BOLD:AAF9988	Moths & butterflies (Lepidoptera)	Twirler moth ( <i>Syncopacma</i> )		
BOLD:AAD4931	Moths & butterflies (Lepidoptera)	Leaf miner moth ( <i>Caloptilia violacella</i> )		✓
BOLD:AAG0906	Lacewings (Neuroptera)	Brown lacewing (Hemerobiidae)		
BOLD:AAA4555	Grasshoppers & crickets (Orthoptera)	Grasshopper ( <i>Melanoplus</i> )		
BOLD:AAN8447	Barklice & booklice (Psocoptera)	Barklouse ( <i>Valenzuela flavidus</i> )		
BOLD:AAF1729	Barklice & booklice (Psocoptera)	Barklouse (Lachesillidae)		
BOLD:AAH3227	Barklice & booklice (Psocoptera)	Barklouse (Psocoptera)		✓
BOLD:ACE5263	Caddisflies (Trichoptera)	Caddisfly (Hydropsychidae)		✓
BOLD:AAQ3188	Caddisflies (Trichoptera)	Microcaddisfly ( <i>Ithytrichia</i> )		✓
BOLD:AAA3080	Caddisflies (Trichoptera)	Summer flier sedge ( <i>Limnephilus submonilifer</i> )		