

<b>ID</b>	<b>Name</b>	<b>Order</b>	<b>Metamorphosis</b>	<b>Mouthparts</b>	<b>Significance</b>
001	American cockroach	01 - Blattodea	Hemimetabolous	Chewing	Pest
002	antlion	13 - Neuroptera	Holometabolous	Chewing	Beneficial
003	antlion larva**	13 - Neuroptera	Holometabolous	Chewing	Beneficial
004	aphid	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Pest
005	armyworm	09 - Lepidoptera	Holometabolous	Siphoning	Pest
006	assassin bug	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Beneficial
007	backswimmer	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Beneficial
008	bagworm**	09 - Lepidoptera	Holometabolous	Chewing	Pest
009	bed bug	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Pest
010	bee fly	05 - Diptera	Holometabolous	Siphoning	Beneficial
011	beet armyworm**	09 - Lepidoptera	Holometabolous	Chewing	Pest
012	big-eyed bug	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Beneficial
013	biting louse	17 - Phthiraptera	Hemimetabolous	Chewing	Pest
014	black widow spider	23 - non-insects	Ametabolous	Not Applicable	Pest
015	black witch moth	09 - Lepidoptera	Holometabolous	Siphoning	Variable
016	blister beetle	02 - Coleoptera	Holometabolous	Chewing	Pest
017	blow fly	05 - Diptera	Holometabolous	Sponging	Pest
018	boll weevil	02 - Coleoptera	Holometabolous	Chewing	Pest
019	bollworm	09 - Lepidoptera	Holometabolous	Siphoning	Pest
020	bollworm**	09 - Lepidoptera	Holometabolous	Chewing	Pest
021	book louse	19 - Psocoptera	Ametabolous	Chewing	Pest
022	boxelder bug	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Pest
023	brown recluse spider	23 - non-insects	Ametabolous	Not Applicable	Pest
024	bumble bee	08 - Hymenoptera	Holometabolous	Chewing-Lapping	Variable

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025	cabbage looper**	09 - Lepidoptera	Holometabolous	Chewing	Pest
026	carpenter ant	08 - Hymenoptera	Holometabolous	Chewing	Pest
027	carrion beetle	02 - Coleoptera	Holometabolous	Chewing	Beneficial
028	cattle grub**	05 - Diptera	Holometabolous	Chewing	Pest
029	centipede	23 - non-insects	Ametabolous	Not Applicable	Variable
030	cicada	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Variable
031	cicada killer	08 - Hymenoptera	Holometabolous	Chewing	Beneficial
032	cigarette beetle	02 - Coleoptera	Holometabolous	Chewing	Pest
033	click beetle	02 - Coleoptera	Holometabolous	Chewing	Variable
034	Colorado potato beetle	02 - Coleoptera	Holometabolous	Chewing	Pest
035	crab spider	23 - non-insects	Ametabolous	Not Applicable	Beneficial
036	crane fly	05 - Diptera	Holometabolous	Piercing-Sucking	Variable
037	damsel bug	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Beneficial
038	damsel fly	14 - Odonata	Hemimetabolous	Chewing	Beneficial
039	damsel fly nymph**	14 - Odonata	Hemimetabolous	Chewing	Beneficial
040	darkling beetle	02 - Coleoptera	Holometabolous	Chewing	Variable
041	deer fly	05 - Diptera	Holometabolous	Cutting-Sponging	Pest
042	deer ked	05 - Diptera	Holometabolous	Piercing-Sucking	Pest
043	dermestid beetle	02 - Coleoptera	Holometabolous	Chewing	Pest
044	dobsonfly	12 - Megaloptera	Holometabolous	Chewing	Beneficial
045	dragonfly	14 - Odonata	Hemimetabolous	Chewing	Beneficial
046	dragonfly nymph**	14 - Odonata	Hemimetabolous	Chewing	Beneficial
047	earwig	04 - Dermaptera	Hemimetabolous	Chewing	Beneficial
048	elm leaf beetle	02 - Coleoptera	Holometabolous	Chewing	Pest

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049	fall webworm**	09 - Lepidoptera	Holometabolous	Chewing	Pest
050	field cricket	15 - Orthoptera	Hemimetabolous	Chewing	Pest
051	firefly	02 - Coleoptera	Holometabolous	Chewing	Beneficial
052	flea	20 - Siphonaptera	Holometabolous	Piercing-Sucking	Pest
053	flea beetle	02 - Coleoptera	Holometabolous	Chewing	Pest
054	flesh fly	05 - Diptera	Holometabolous	Sponging	Pest
055	garden spider	23 - non-insects	Ametabolous	Not Applicable	Beneficial
056	German cockroach	01 - Blattodea	Hemimetabolous	Chewing	Pest
057	giant water bug	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Beneficial
058	gray hairstreak	09 - Lepidoptera	Holometabolous	Siphoning	Pest
059	green lace wing	13 - Neuroptera	Holometabolous	Chewing	Beneficial
060	ground beetle	02 - Coleoptera	Holometabolous	Chewing	Beneficial
061	hard tick	23 - non-insects	Ametabolous	Piercing-Sucking	Pest
062	harvestman	23 - non-insects	Ametabolous	Not Applicable	Variable
063	hellgrammite**	12 - Megaloptera	Holometabolous	Chewing	Beneficial
064	honey bee	08 - Hymenoptera	Holometabolous	Chewing-Lapping	Beneficial
065	horn fly	05 - Diptera	Holometabolous	Cutting-Lapping	Pest
066	horntail wasp	08 - Hymenoptera	Holometabolous	Chewing	Pest
067	horse fly	05 - Diptera	Holometabolous	Cutting-Sponging	Pest
068	house fly	05 - Diptera	Holometabolous	Sponging	Pest
069	ichneumon wasp	08 - Hymenoptera	Holometabolous	Chewing	Beneficial
070	Indian meal moth	09 - Lepidoptera	Holometabolous	Siphoning	Pest
071	ironclad beetle	02 - Coleoptera	Holometabolous	Chewing	Variable

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072	Jerusalem cricket	15 - Orthoptera	Hemimetabolous	Chewing	Variable
073	jumping spider	23 - non-insects	Ametabolous	Not Applicable	Beneficial
074	lace bug	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Pest
075	lacewing larva**	13 - Neuroptera	Holometabolous	Chewing	Beneficial
076	ladybird beetle	02 - Coleoptera	Holometabolous	Chewing	Beneficial
077	ladybird beetle larva**	02 - Coleoptera	Holometabolous	Chewing	Beneficial
078	leaf-footed bug	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Pest
079	leafhopper	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Pest
080	long-horned grasshopper	15 - Orthoptera	Hemimetabolous	Chewing	Variable
081	longhorned beetle	02 - Coleoptera	Holometabolous	Chewing	Pest
082	luna moth	09 - Lepidoptera	Holometabolous	Siphoning	Beneficial
083	mantidfly	13 - Neuroptera	Holometabolous	Chewing	Beneficial
084	mayfly	06 - Ephemeroptera	Hemimetabolous	Vestigial	Beneficial
085	mealybug	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Pest
086	metallic woodboring beetle	02 - Coleoptera	Holometabolous	Chewing	Pest
087	milkweed bug	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Pest
088	millipede	23 - non-insects	Ametabolous	Chewing	Beneficial
089	minute pirate bug	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Beneficial
090	mole cricket	15 - Orthoptera	Hemimetabolous	Chewing	Pest
091	monarch butterfly	09 - Lepidoptera	Holometabolous	Siphoning	Beneficial
092	mosquito	05 - Diptera	Holometabolous	Piercing-Sucking	Pest
093	mosquito larva**	05 - Diptera	Holometabolous	Chewing	Pest
094	mud-dauber wasp	08 - Hymenoptera	Holometabolous	Chewing	Variable

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095	oriental cockroach	01 - Blattodea	Hemimetabolous	Chewing	Pest
096	painted lady	09 - Lepidoptera	Holometabolous	Siphoning	Beneficial
097	paper wasp	08 - Hymenoptera	Holometabolous	Chewing	Variable
098	pillbug	23 - non-insects	Ametabolous	Chewing	Variable
099	praying mantis	10 - Mantodea	Hemimetabolous	Chewing	Beneficial
100	predaceous diving beetle	02 - Coleoptera	Holometabolous	Chewing	Beneficial
101	queen butterfly	09 - Lepidoptera	Holometabolous	Siphoning	Beneficial
102	red admiral	09 - Lepidoptera	Holometabolous	Siphoning	Beneficial
103	red flour beetle	02 - Coleoptera	Holometabolous	Chewing	Pest
104	red harvester ant	08 - Hymenoptera	Holometabolous	Chewing	Pest
105	red imported fire ant	08 - Hymenoptera	Holometabolous	Chewing	Pest
106	rice weevil	02 - Coleoptera	Holometabolous	Chewing	Pest
107	robber fly	05 - Diptera	Holometabolous	Piercing-Sucking	Beneficial
108	rove beetle	02 - Coleoptera	Holometabolous	Chewing	Beneficial
109	sawtoothed grain beetle	02 - Coleoptera	Holometabolous	Chewing	Pest
110	scale	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Pest
111	scarab beetle	02 - Coleoptera	Holometabolous	Chewing	Variable
112	scorpion	23 - non-insects	Ametabolous	Chewing	Pest
113	scorpion fly	11 - Mecoptera	Holometabolous	Chewing	Beneficial
114	short-horned grasshopper	15 - Orthoptera	Hemimetabolous	Chewing	Pest
115	silverfish	22 - Thysanura	Ametabolous	Chewing	Pest
116	skipper butterfly	09 - Lepidoptera	Holometabolous	Siphoning	Variable
117	soft tick	23 - non-insects	Ametabolous	Piercing-Sucking	Pest

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118	soldier beetle	02 - Coleoptera	Holometabolous	Chewing	Beneficial
119	southwestern corn borer**	09 - Lepidoptera	Holometabolous	Chewing	Pest
120	sphinx moth	09 - Lepidoptera	Holometabolous	Siphoning	Variable
121	spider mite	23 - non-insects	Ametabolous	Piercing-Sucking	Pest
122	spittlebug	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Pest
123	spotted cucumber beetle	02 - Coleoptera	Holometabolous	Chewing	Pest
124	springtail	03 - Collembola	Ametabolous	Chewing	Variable
125	squash bug	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Pest
126	stag beetle	02 - Coleoptera	Holometabolous	Chewing	Variable
127	stink bug	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Variable
128	stonefly	18 - Plecoptera	Hemimetabolous	Chewing	Beneficial
129	stonefly larva**	18 - Plecoptera	Hemimetabolous	Chewing	Beneficial
130	sucking louse	17 - Phthiraptera	Hemimetabolous	Piercing-Sucking	Pest
131	sulphur butterfly	09 - Lepidoptera	Holometabolous	Siphoning	Pest
132	swallowtail butterfly	09 - Lepidoptera	Holometabolous	Siphoning	Beneficial
133	sweet potato weevil	02 - Coleoptera	Holometabolous	Chewing	Pest
134	syrphid fly	05 - Diptera	Holometabolous	Sponging	Variable
135	tarantula hawk	08 - Hymenoptera	Holometabolous	Chewing	Variable
136	tarnished plant bug	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Pest
137	termite	01 - Blattodea	Hemimetabolous	Chewing	Pest
138	thrips	21 - Thysanoptera	Hemimetabolous	Rasping-Sucking	Variable
139	tiger beetle	02 - Coleoptera	Holometabolous	Chewing	Beneficial
140	tiger moth	09 - Lepidoptera	Holometabolous	Siphoning	Variable

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141	toad bug	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Beneficial
142	tobacco hornworm**	09 - Lepidoptera	Holometabolous	Chewing	Pest
143	tree cricket	15 - Orthoptera	Hemimetabolous	Chewing	Variable
144	treehopper	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Pest
145	trichogramma wasp	08 - Hymenoptera	Holometabolous	Chewing	Beneficial
146	tumbling flower beetle	02 - Coleoptera	Holometabolous	Chewing	Variable
147	velvet ant	08 - Hymenoptera	Holometabolous	Chewing	Variable
148	viceroy butterfly	09 - Lepidoptera	Holometabolous	Siphoning	Beneficial
149	vinegaroon	23 - non-insects	Ametabolous	Chewing	Variable
150	walkingstick	16 - Phasmatodea	Hemimetabolous	Chewing	Variable
151	water boatman	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Beneficial
152	water strider	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Beneficial
153	whirligig beetle	02 - Coleoptera	Holometabolous	Chewing	Beneficial
154	white grub**	02 - Coleoptera	Holometabolous	Chewing	Pest
155	whitefly	07 - Hemiptera	Hemimetabolous	Piercing-Sucking	Pest