

Tarleton National Invitational Entomology Rules

1. A team will consist of 3 or 4 members with the top 3 scores being combined for the team score.
2. The contest will consist of a 25 question quiz worth 50 points. Questions will be of a basic entomology nature and NO quiz bank will be used.
3. There will be 25 insect specimens from the attached list. Contestants will be asked to identify common name, order and metamorphosis. There will be 3 points awarded for each correct common name and 1 point each for the correct order and metamorphosis.

Individual tie breakers will be:

- 1) most correct insect I.D.
- 2) highest exam score
- 3) match

Team tie breakers will be:

- 1) most correct insect I.D. total
- 2) highest exam total
- 3) highest alternate score
- 4) match

Code	Common name	Order	Metamorphosis
101	Ambush bug	Hemiptera	Hemimetabolous
102	American cockroach	Blattodea	Hemimetabolous
103	Antlion Adult	Neuroptera	Holometabolous
104	Antlion larva	Neuroptera	Holometabolous
105	Aphid	Hemiptera	Hemimetabolous
106	Aphid lion	Neuroptera	Holometabolous
107	Assassin bug	Hemiptera	Hemimetabolous
108	Back swimmer	Hemiptera	Hemimetabolous
109	Bark louse	Psocoptera	Hemimetabolous
110	Bed bug	Hemiptera	Hemimetabolous
111	Bee fly	Diptera	Holometabolous
112	Big-eyed bug	Hemiptera	Hemimetabolous
113	Black witch moth	Lepidoptera	Holometabolous
114	Blister beetle	Coleoptera	Holometabolous
115	Blow fly	Diptera	Holometabolous
116	Book louse	Psocoptera	Hemimetabolous
117	Bot fly	Diptera	Holometabolous
118	Brown lacewing	Neuroptera	Holometabolous
119	Buckeye butterfly	Lepidoptera	Holometabolous
120	Carrion beetle	Coleoptera	Holometabolous
121	Chewing louse	Phthiraptera	Hemimetabolous
122	Chinch bug	Hemiptera	Hemimetabolous
123	Cicada	Hemiptera	Hemimetabolous
124	Click beetle	Coleoptera	Holometabolous
125	Crane fly	Diptera	Holometabolous
126	Damsel bug	Hemiptera	Hemimetabolous
127	Damselfly	Odonata	Hemimetabolous
128	Damselfly nymph	Odonata	Hemimetabolous
129	Dermostid beetle	Coleoptera	Holometabolous
130	Dobsonfly	Neuroptera	Holometabolous
131	Dragonfly	Odonata	Hemimetabolous
132	Dragonfly nymph	Odonata	Hemimetabolous
133	Earwig	Dermaptera	Hemimetabolous
134	Fall webworm (L)	Lepidoptera	Holometabolous
135	Field cricket	Orthoptera	Hemimetabolous
136	Fire ant	Hymenoptera	Holometabolous
137	Flea	Siphonaptera	Holometabolous
138	Forrest tent caterpillar (L)	Lepidoptera	Holometabolous
139	Gaint water bug	Hemiptera	Hemimetabolous
140	German cockroach	Blattodea	Hemimetabolous
141	Gray Hairstreak	Lepidoptera	Holometabolous
142	Green June Bug	Coleoptera	Holometabolous
143	Green lacewing	Neuroptera	Holometabolous

144	Gulf Fritillary butterfly	Lepidoptera	Holometabolous
145	Hard tick	non-insects	N/A
146	Harvester ant	Hymenoptera	Holometabolous
147	Harvestman	non-insects	Ametabolous
148	Hellgrammite (L)	Neuroptera	Holometabolous
149	Honey bee	Hymenoptera	Holometabolous
150	Horn fly	diptera	Holometabolous
151	Hornworm (L)	Lepidoptera	Holometabolous
152	Horse fly	Diptera	Holometabolous
153	House fly	Diptera	Holometabolous
154	Ichneumon wasp	Hymenoptera	Holometabolous
155	Ironclad beetle	Coleoptera	Holometabolous
156	Ked	Diptera	Holometabolous
157	Kissing bug	Hemiptera	Hemimetabolous
158	Lace bug	Hemiptera	Hemimetabolous
159	Ladybird beetle	Coleoptera	Holometabolous
160	Ladybird beetle larva	Coleoptera	Holometabolous
161	Leaf beetle	Coleoptera	Holometabolous
162	Leaf-footed bug	Hemiptera	Hemimetabolous
163	Lightningbug (Firefly)	Coleoptera	Holometabolous
164	Long-horned beetle	Coleoptera	Holometabolous
165	long-horned grasshopper	Orthoptera	Hemimetabolous
166	Luna moth	Lepidoptera	Holometabolous
167	Mantidfly	Neuroptera	Holometabolous
168	March fly	Diptera	Holometabolous
169	Mayfly	Ephemeroptera	Hemimetabolous
170	Mealybug	Hemiptera	Hemimetabolous
171	Metallic woodboring beetle	Coleoptera	Holometabolous
172	Midge	Diptera	Holometabolous
173	Milkweed bug	Hemiptera	Hemimetabolous
174	Millipede	non-insects	Ametabolous
175	Minute pirate bug	Hemiptera	Hemimetabolous
176	Mole cricket	Orthoptera	Hemimetabolous
177	Monarch butterfly	Lepidoptera	Holometabolous
178	Mosquito	Diptera	Holometabolous
179	Moth fly	Diptera	Holometabolous
180	Mud dauber wasp	Hymenoptera	Holometabolous
181	Owlfly	Neuroptera	Holometabolous
182	Paper wasp	Hymenoptera	Holometabolous
183	Pipevine swallowtail butterfly	Lepidoptera	Holometabolous
184	Plant bug	Hemiptera	Hemimetabolous
185	Plant hopper	Hemiptera	Hemimetabolous
186	Polyphemus moth	Lepidoptera	Holometabolous
187	Preying mantid	Mantodea	Hemimetabolous
188	Preying mantid ootheca	Mantodea	Hemimetabolous
189	Robber fly	Diptera	Holometabolous

190	Rove beetle	Coleoptera	Holometabolous
191	Scale	Hemiptera	Hemimetabolous
192	Scarab beetle	Coleoptera	Holometabolous
193	Scorpionfly	Mecoptera	Holometabolous
194	Short-horned grasshopper	Orthoptera	Hemimetabolous
195	Silverfish	Thysanura	Ametabolous
196	Skipper	Lepidoptera	Holometabolous
197	Soft tick	non-insects	N/A
198	Soldier beetle	Coleoptera	Holometabolous
199	Sphinx moth	Lepidoptera	Holometabolous
200	Spittlebug	Hemiptera	Hemimetabolous
201	Spotted cucumber beetle	Coleoptera	Holometabolous
202	Springtail	Collembola	Ametabolous
203	Stable fly	Diptera	Holometabolous
204	Stilt bug	Hemiptera	Hemimetabolous
205	Stink bug	Hemiptera	Hemimetabolous
206	Stonefly	Plecoptera	Hemimetabolous
207	Sucking louse	Phthiraptera	Hemimetabolous
208	Sulfur butterfly	Lepidoptera	Holometabolous
209	Syrphid fly	Diptera	Holometabolous
210	Syrphid fly larva	Diptera	Holometabolous
211	Termite	Isoptera	Hemimetabolous
212	Thrips	Thysanoptera	Hemimetabolous
213	Tiger beetle	Coleoptera	Holometabolous
214	Tiger swallowtail butterfly	Lepidoptera	Holometabolous
215	Toad bug	Hemiptera	Hemimetabolous
216	Tree cricket	Orthoptera	Hemimetabolous
217	Treehopper	Hemiptera	Hemimetabolous
218	Trichogramma wasp	Hymenoptera	Holometabolous
219	Tumbling flower beetle	Coleoptera	Holometabolous
220	Velvet ant	Hymenoptera	Holometabolous
221	Walkingstick	Phasmatodea	Hemimetabolous
222	Water boatman	Hemiptera	Hemimetabolous
223	Water scorpion	Hemiptera	Hemimetabolous
224	Water strider	Hemiptera	Hemimetabolous
225	Weevil	Coleoptera	Holometabolous
226	Whipscorpion	non-insects	N/A
227	Whirligig beetle	Coleoptera	Holometabolous
228	Whitefly	Hemiptera	Hemimetabolous
229	Wireworm (L)	Coleoptera	Holometabolous
	(L)= immature stage		