

2015 Entomology (B/C) – Official Insect List

Specimens will be **limited to those on the** Official list of **30** insect orders and **100** families. Orders or Families marked by an “*” require that the contestant be able to recognize larvae or nymph forms. **The taxonomic scheme is based upon the Audubon Insect and Spider Field Guide. Any arbitrations questions will defer to this resource as the correct answer.** Letters refer to orders - numbers refer to families:

- | | | |
|---|--|--|
| A. Protura-telsontails, proturans | 29. Cicadellidae-leafhoppers | 67. Bombyliidae-bee flies |
| B. Collembola-springtails, snow fleas | 30. Fulgoridae-fulgorid planthoppers | 68. Syrphidae-hover/flower flies |
| C. Diplura-diplurans | 31. Aphididae-aphids | 69. Tephritidae-fruit flies, huskfly |
| D. Thysanura-bristletails, silverfish | 32. Dactylopiidae-scale (twig or leaf) | 70. Drosophilidae-pomace flies |
| E. Ephemeroptera-mayflies | T. Thysanoptera-thrips | 71. Muscidae-house flies |
| *F. Odonata-dragon/damselflies | U. Megaloptera- dobsonflies | 72. Hippoboscidae-louse flies |
| 1. Aeschnidae -darners | V. Neuroptera-lacewings, antlions | *73. Calliphoridae- blow flies |
| 2. Gomphidae -clubtails | 33. Chrysopidae-green lacewings | 74. Tachinidae-tachinid flies |
| 3. Libellulidae-skimmers | *34. Myrmeleontidae-antlions | *BB. Trichoptera-caddisflies |
| 4. Lestidae-spread-wing | W. Coleoptera-beetles | CC. Lepidoptera-moths and butterflies |
| 5. Coenagrionidae-narrow-winged | 35. Cicindelidae-tiger beetles | 75. Sesiidae-clear winged moths |
| G. Blattodea-cockroaches | 36. Carabidae-ground beetles | 76. Tortricidae- Tortricid moths |
| H. Mantodea-mantids | 37. Dytiscidae-predaceous diving beetles | 77. Hesperidae-skipppers |
| I. Isoptera-termites | 38. Gyrinidae-whirligig beetles | *78. Papilionidae-swallowtails |
| J. Grylloblattodea-ice insects | 39. Hydrophilidae-water scavenger beetles | 79. Pieridae-whites, sulfurs |
| K. Dermaptera-earwigs | 40. Histeridae-hister beetles | 80. Lycaenidae- hairstreaks/blues |
| L. Plecoptera-stoneflies | 41. Staphylinidae-rove beetles | 81. Nymphalidae-brush-footed butterflies |
| M. Orthoptera-grasshoppers & crickets | 42. Silphidae-carrion beetles | 82. Satyridae-Satyrs, nymphs and arctics |
| 6. Tetrigidae- pygmy grasshopper | 43. Lucanidae-stag beetles | 83. Danaidae-milkweed butterflies |
| 7. Acrididae-short-horned grasshoppers | 44. Passalidae-bess beetles | 84. Pyralidae-pyralid moths |
| 8. Tettigoniidae-katyids | 45. Scarabaeidae-dung beetles | *85. Saturniidae-Giant Silkworm moths |
| 9. Gryllacrididae- camel crickets | 46. Buprestidae-metallic wood-boring beetles | *86. Sphingidae-sphinx moths, hornworms |
| 10. Gryllidae-crickets/tree crickets | 47. Elateridae-click beetles | 87. Arctidae-tiger moths, wooly worms |
| 11. Gryllotalpidae-mole crickets | 48. Lampyridae-fireflies | 88. Lymantriidae-tussock moths |
| N. Phasmatodea-walkingsticks | 49. Cantharidae-soldier beetles | 89. Noctuidae-noctuid moths |
| O. Psocoptera- Book/Bark Lice | 50. Lycidae-net-winged beetles | DD. Hymenoptera-bees/ants/wasps. |
| P. Mallophaga-chewing lice | 51. Cleridae-checked beetles | 90. Tenthredinidae - common sawflies |
| Q. Anoplura-sucking lice | 52. Coccinellidae-lady-bird beetles (ladybugs) | 91. Siricidae-horntails |
| R. Hemiptera-true bugs | *53. Tenebrionidae-darkling beetles | 92. Ichneumonidae-ichneumons |
| 12. Corixidae-water boatmen | 54. Meloidae-blister beetles | 93. Cynipidae- gall wasps |
| 13. Notonectidae-backswimmers | *55. Cerambycidae-long-horned beetles | 94. Mutillidae- velvet-ants |
| 14. Belostomatidae-giant water bugs | 56. Chrysomelidae-leaf beetles | 95. Formicidae-ants |
| 15. Nepidae-waterscorpions | 57. Curculionidae-weevils | 96. Vespidae- paper wasps, hornets, yellowjackets |
| 16. Gelastocoridae-toad bugs | X. Strepsiptera Twisted-Wing Parasite | 97. Colletidae- Plaster bees |
| 17. Gerridae-water striders | Y. Mecoptera-scorpionflies | 98. Halictidae- Alkali bees |
| 18. Cimicidae-bed bugs | 58. Boreidae- snow scorpionflies | 99. Megachilidae- leaf cutter bees |
| 19. Miridae- plant bugs | 59. Panorpididae- common scorpionflies | 100. Apidae-bees |
| 20. Reduviidae-assassin bugs | Z. Siphonaptera-fleas | |
| 21. Phymatidae-ambush bugs | AA. Diptera-true flies | |
| 22. Tingidae-lace bugs | 60. Tipulidae-crane flies | |
| 23. Lygaeidae-seed bugs | *61. Culicidae-mosquitoes | |
| 24. Coreidae-leaf-footed bugs | 62. Chironomidae-midges | |
| 25. Pentatomidae-Stink bugs | 63. Simuliidae- black flies | |
| S. Homoptera-cicadas, aphids, hoppers, etc. | 64. Stratiomyidae-soldier flies | |
| 26. Cicadidae-cicadas | 65. Tabanidae-horse flies | |
| 27. Membracidae-treehoppers | 66. Asilidae-robber flies | |
| 28. Cercopidae-froghoppers, spittlebugs | | |