

2006 Science Olympiad - Don't Bug Me Insect List

Division B/C – Common Orders-Specimens will be come from this Official list of 26 insect orders:

- A. Protura (proturans)
- B. Collembola (springtails)
- C. Diplura (diplurans)
- D. Thysanura (silverfish)
- E. Ephemeroptera (mayflies)
- F. Odonata (dragonflies, damselflies)
- G. Plecoptera (stoneflies)
- H. Orthoptera (crickets, grasshoppers, katydids)
- I. Phasmatodea (walking sticks)
- J. Mantodea (mantids)
- 1. K Blattodea (cockroaches)
- K. Isoptera (termites)
- L. Dermaptera (earwigs)
- M. Mallophaga (chewing lice)
- N. Anoplura (sucking lice)
- O. Thysanoptera (thrips)
- P. Hemiptera (true bugs)
- Q. Homoptera (aphids, cicadas, hoppers)
- R. Neuroptera (dobsonflies, lacewings, antlions)
- S. Coleoptera (beetles)
- T. Mecoptera (scorpionflies)
- U. Trichoptera (caddisflies)
- V. Lepidoptera (butterflies, moths)
- W. Diptera (flies)
- X. Siphonaptera (fleas)
- Y. Hymenoptera (ants, bees, wasps)

2006 Science Olympiad - Don't Bug Me Insect List

Division C-Orders and Families Specimens will be come from this Official list of 26 insect orders and 95 families. Orders Or Families Marked By An “*” Require That The Contestant Be Able To Recognize Larvae Or Nymph Forms. Letters refer to orders - numbers refer to families:

- A. Protura – tselontails, **proturans**
- B. Collembola – springtails
- C. Diplura - diplurans
- D. Thysanura - bristletails
- E. Ephemeroptera - mayflies
- * F. Odonata - dragonflies & damselflies
 - 1. Gomphidae -**clubtails**
 - 2. Aeshnidae – **damers dragonflies**
 - 3. Libellulidae – **skimmers, dragonflies**
 - 4. Coenagrionidae – **narrow winged damselflies**
- G. Plecoptera - stoneflies
- H. Orthoptera - grasshoppers & crickets
 - 5. Acrididae – **short horned grasshoppers**
 - 6. Romaleinae – **lumber grasshoppers**
 - 7. Cyrtacanthacridinae – **bird grasshoppers**
 - 8. Acridinae - **grasshoppers**
 - 9. Tettigoniidae - **katydids**
 - 10. Gryllidae – **crickets, tree crickets**
 - 11. Gryllotalpidae – **mole crickets**
- I. Phasmatodea - walking sticks
- J. Mantodea - mantids
- K. Blattodea - roaches
- L. Isoptera - termites
- M. Dermaptera - earwigs
- N. Mallophaga - chewing lice
- O. Anoplura - sucking lice
- P. Thysanoptera - thrips
- Q. Hemiptera - true bugs
 - 12. Corixidae – **water boatman**
 - 13. Notonectidae - **backswimmers**
 - 14. Belostomatidae – **giant water bugs**
 - 15. Gerridae – **water striders**
 - 16. Cimicidae – **bed bugs**
 - 17. Miridae – **leaf bugs**
 - 18. Reduviidae – **assassin bugs**
 - 19. Tingidae – **lace bugs**
 - 20. Lygaeidae – **seed bugs**
 - 21. Pyrrhocoridae – **red bugs**
 - 22. Coreidae – **leaf-footed bugs**
 - 23. Aradidae – **flat bugs**
 - 24. Cydnidae – **burrowing bugs**
 - 25. Corimelaenidae (Thyreocoridae) – **Negro bugs**
 - 26. Scutelleridae – **shield back bugs**
 - 27. Pentatomidae – **stink bugs**
 - 28. Gelastocoridae – **toad bugs**
 - 29. Nepidae – **water scorpions**
 - 30. Naucoridae – **creeping water bugs**
- R. Homoptera - cicadas, aphids, hoppers, etc.
 - 31. Cicadidae – **cicadas**
 - 32. Membracidae – **tree hoppers**
 - 33. Cercopidae – **frohoppers, spittle bugs**
 - 34. Cicadellidae – **leafhoppers**
 - 35. Fulgoridae – **fulgorid planthoppers**
 - 36. Aphididae – **aphids**
 - 37. Coccidae – **scale (twig or leaf)**
- S. Neuroptera - dobsonflies, lacewings, antlions
 - 38. Chrysopidae – **green lacewigs**
 - * 39. Myrmeleontidae – **antlions**
- T. Coleoptera - beetles
 - 40. Cicindelidae – **tiger beetles**
 - 41. Carabidae – **ground beetles**
 - 42. Dytiscidae – **predaceous diving beetles**
 - 43. Gyrinidae – **whirligig beetles**
 - 44. Histeridae – **hister beetles**
 - 45. Hydrophilidae – **water scavenger beetles**
 - 46. Silphidae – **carriion beetles**
 - 47. Staphylinidae – **rove beetles**
 - 48. Cantharidae – **soldier beetles**
 - 49. Lamphyridae – **fire flies**
 - 50. Elateridae – **click beetles, wireworms**
 - 51. Cleridae – **checkered beetles**
 - 52. Buprestidae – **metallic wood boring beetles**
 - 53. Lycidae – **net-winged beetles**
 - 54. Coccinellidae – **lady-bird beetles (ladybugs)**
 - 55. Meloidae – **blister beetles**
 - 56. Mordellidae – **tumbling flower beetles**
 - * 57. Tenebrionidae – **darkling beetles**
 - 58. Lucanidae – **stag “bug” beetles**
 - 59. Passalidae – **bess beetles, peg beetles**
 - 60. Trogidae – **skin beetles**
 - 61. Scarabaeidae – **dung beetles, June “bug” beetles**
 - * 62. Cerambycidae – **long-horned beetles**
 - 63. Chrysomelidae – **leaf beetles**
 - 64. Curculionidae – **weevils**
 - 65. Haliplidae – **crawling water beetles**
 - 66. Geotrupidae – **earth-boring dung beetles**
- U. Mecoptera - scorpionflies
- * V. Trichoptera - caddisflies
- W. Lepidoptera - moths and butterflies
 - * 67. Papilionidae – **swallowtail butterfly**
 - 68. Pieridae – **whites, sulfurs**
 - 69. Nymphalidae – **brushfooted butterflyies**
 - * 70. Sphingidae – **sphinx moths, hormworms**
 - * 71. Saturniidae – **royal moths**
 - 72. Citheroniidae – **regal moths**
 - 73. Arctiidae – **tiger moths, wooly worms**
 - 74. Phalaenidae (Noctuidae) – **noctuid moths, cutworms**
- X. Diptera - true flies
 - 75. Tipulidae – **crane flies**
 - * 76. Culicidae – **mosquitoes**
 - 77. Tabanidae – **horse flies**
 - 78. Asilidae – **robber flies**
 - 79. Syrphidae – **flower flies**
 - 80. Tachinidae – **tachinid flies**
 - * 81. Calliphoridae - **blow flies**
 - 82. Muscidae – **house flies**
 - 83. Bombyliidae – **bee flies**
 - 84. Therevidae – **stiletto flies**
 - 85. Trypetidae – **fruit flies, huskfly**
 - 86. Stratiomyidae – **soldier flies**
 - 87. Drosophilidae – **pomace flies**
- Y. Siphonaptera - fleas
- Z. Hymenoptera - bees, ants, wasps, etc.
 - 88. Ichneumonidae – **ichneumons**
 - 89. Chrysididae – **cuckoo wasps**
 - 90. Mutillidae – **velvet ants**
 - 91. Formicidae – **ants**
 - 92. Vespidae – **paper wasps**
 - 93. Sphecidae – **mud dubbbers**
 - 94. Apidae – **bees**
 - 95. Pompilidae – **spider wasps**