



# 4-H Study Materials for Entomology Contests

January 2003

## Study List for Intermediate Participants (Ages 12-13)

Common Name	Order	Host or Location	Significance
1. <a href="#">Springtails</a>	Collembola	Surface of puddles	Variable
2. <a href="#">Silverfish</a>	Thysanura	Trunk, closet	Pest
3. <a href="#">Mayflies</a>	Ephemeroptera	Near water	Inconsequential
4. <a href="#">Black-winged damselfly</a>	Odonata	Stream	Beneficial
5. <a href="#">Green darner</a>	Odonata	Stream	Beneficial
6. <a href="#">Stoneflies</a>	Plecoptera	Near water	Inconsequential
7. <a href="#">Banded-winged grasshoppers</a>	Orthoptera	Pasture	Pest
8. <a href="#">Differential grasshopper</a>	Orthoptera	Pasture	Pest
9. <a href="#">Long-horned grasshoppers</a>	Orthoptera	Shrubs/grass	Pest
10. <a href="#">Mole crickets</a>	Orthoptera	Sandy soil	Pest
11. <a href="#">Snowy tree cricket</a>	Orthoptera	Trees	Pest
12. <a href="#">True katydid</a>	Orthoptera	Trees	Pest
13. <a href="#">American cockroach</a>	Blattaria	House	Pest
14. <a href="#">German cockroach</a>	Blattaria	House	Pest
15. <a href="#">Oriental cockroach</a>	Blattaria	House	Pest
16. <a href="#">Praying mantids</a>	Mantodea	Shrubs, vegetation	Beneficial

17.	<a href="#">Walkingsticks</a>	Phasmida	Shrubs, vegetation	Pest
18.	<a href="#">Earwigs</a>	Dermaptera	Ground trash	Pest
19.	<a href="#">Termites</a>	Isoptera	Wood, stumps	Pest
20.	<a href="#">Barklice</a>	Psocoptera	Tree trunk	Pest
21.	<a href="#">Booklice</a>	Psocoptera	Libraries, papers, books	Pest
22.	<a href="#">Chicken head louse</a>	Phthiraptera (Mallophaga)	Poultry	Pest
23.	<a href="#">Head louse</a>	Phthiraptera (Anoplura)	Humans	Pest
24.	<a href="#">Hog louse</a>	Phthiraptera (Anoplura)	Swine	Pest
25.	<a href="#">Short-nosed cattle louse</a>	Phthiraptera (Anoplura)	Cattle	Pest
26.	<a href="#">Backswimmer</a>	Hemiptera	Pond	Beneficial
27.	<a href="#">Chinch bug</a>	Hemiptera	Grass	Pest
28.	<a href="#">Cotton fleahopper</a>	Hemiptera	Cotton	Pest
29.	<a href="#">Giant water bug</a>	Hemiptera	Water, ponds	Pest
30.	<a href="#">Green stink bug</a>	Hemiptera	Weeds	Pest
31.	<a href="#">Harlequin bug</a>	Hemiptera	Cole crops	Pest
32.	<a href="#">Leaffooted bug</a>	Hemiptera	Plants, weeds	Pest
33.	<a href="#">Squash bug</a>	Hemiptera	Squash	Pest
34.	<a href="#">Toad bug</a>	Hemiptera	Shoreline	Beneficial
35.	<a href="#">Water striders</a>	Hemiptera	Pond	Beneficial
36.	<a href="#">Thrips</a>	Thysanoptera	Flowers	Variable
37.	<a href="#">Aphids</a>	Homoptera	Corn, sorghum	Pest
38.	<a href="#">Armored scales</a>	Homoptera	Trees, shrubs	Pest

39.	<a href="#">Cicadas</a>	Homoptera	Trees	Pest
40.	<a href="#">Greenbug</a>	Homoptera	Small grains	Pest
41.	<a href="#">Leafhoppers</a>	Homoptera	Grasses	Pest
42.	<a href="#">Soft scales</a>	Homoptera	Ornamental trees	Pest
43.	<a href="#">Antlions</a>	Neuroptera	Plants	Beneficial
44.	<a href="#">Dobsonflies</a>	Neuroptera	Stream	Beneficial
45.	<a href="#">Lacewings</a>	Neuroptera	Alfalfa	Beneficial
46.	<a href="#">Blister beetles</a>	Coleoptera	Plants, alfalfa, weeds	Pest
47.	<a href="#">Boll weevil</a>	Coleoptera	Cotton	Pest
48.	<a href="#">Caterpillar hunter</a>	Coleoptera	Woodland	Beneficial
49.	<a href="#">Colorado potato beetle</a>	Coleoptera	Potatoes	Pest
50.	<a href="#">Maize weevil (rice weevil)</a>	Coleoptera	Stored grain	Pest
51.	<a href="#">Cottonwood borer</a>	Coleoptera	Cottonwood trees	Pest
52.	<a href="#">Fireflies (lightningbugs)</a>	Coleoptera	Weeds	Inconsequential
53.	<a href="#">Lady beetles</a>	Coleoptera	Weeds	Beneficial
54.	<a href="#">Lesser grain borer</a>	Coleoptera	Stored grain	Pest
55.	<a href="#">May beetles (June beetles or Junebugs)</a>	Coleoptera	Shrubs	Pest
56.	<a href="#">Plum curculio</a>	Coleoptera	Peaches	Pest
57.	<a href="#">Spotted cucumber beetle</a>	Coleoptera	Weeds	Pest
58.	<a href="#">Sweet potato weevil</a>	Coleoptera	Sweet potatoes	Pest
59.	<a href="#">Tiger beetles</a>	Coleoptera	Shady trails	Beneficial
60.	<a href="#">Scorpionflies</a>	Mecoptera	Plants	Inconsequential

61.	<a href="#">Caddisflies</a>	Trichoptera	Near stream	Inconsequential
62.	<a href="#">Alfalfa caterpillar (clouded sulfur)</a>	Lepidoptera	Alfalfa	Pest
63.	<a href="#">Bagworm</a>	Lepidoptera	Juniper	Pest
64.	<a href="#">Black swallowtail</a>	Lepidoptera	Carrots, weeds	Pest
65.	<a href="#">Bollworm or corn earworm</a>	Lepidoptera	Cotton, corn, other crops	Pest
66.	<a href="#">Cabbage looper</a>	Lepidoptera	General feeder	Pest
67.	<a href="#">Fall webworm</a>	Lepidoptera	Pecans	Pest
68.	<a href="#">Giant swallowtail</a>	Lepidoptera	Citrus	Pest
69.	<a href="#">Gray hairstreak (Cotton square borer)</a>	Lepidoptera	Cotton	Pest
70.	<a href="#">Greater wax moth</a>	Lepidoptera	Beehive	Pest
71.	<a href="#">Luna moth</a>	Lepidoptera	Oak	Pest
72.	<a href="#">Monarch</a>	Lepidoptera	Milkweed	Pest
73.	<a href="#">Pink bollworm</a>	Lepidoptera	Cotton	Pest
74.	<a href="#">Polyphemus</a>	Lepidoptera	Oaks	Pest
75.	<a href="#">Red admiral</a>	Lepidoptera	Nettles	Inconsequential
76.	<a href="#">Silver-spotted skipper</a>	Lepidoptera	Black locust	Inconsequential
77.	<a href="#">Tomato hornworm</a>	Lepidoptera	Tomatoes	Pest
78.	<a href="#">Underwing moths</a>	Lepidoptera	Trees	Inconsequential
79.	<a href="#">Wood nymph</a>	Lepidoptera	Thick woods	Inconsequential
80.	<a href="#">Common cattle grub</a>	Diptera	Cattle	Pest
81.	<a href="#">Crane flies</a>	Diptera	Meadow	Inconsequential
82.	<a href="#">Fruit flies</a>	Diptera	Ripe & rotten fruit	Pest

83.	<a href="#">Horn fly</a>	Diptera	Cattle	Pest
84.	<a href="#">Horse fly</a>	Diptera	Woodlands	Pest
85.	<a href="#">House fly</a>	Diptera	Barn	Pest
86.	<a href="#">Mosquitoes</a>	Diptera	Yard and meadow	Pest
87.	<a href="#">Sorghum midge</a>	Diptera	Sorghum	Pest
88.	<a href="#">Syrphid fly (flower fly)</a>	Diptera	Flowers	Beneficial
89.	<a href="#">Fleas</a>	Siphonaptera	Cat, dog	Pest
90.	<a href="#">Bumblebees</a>	Hymenoptera	Meadow	Beneficial
91.	<a href="#">Cicada killer</a>	Hymenoptera	Soil	Beneficial
92.	<a href="#">Honeybee</a>	Hymenoptera	Flowers	Beneficial
93.	<a href="#">Mud daubers</a>	Hymenoptera	Buildings	Beneficial
94.	<a href="#">Red imported fire ant</a>	Hymenoptera	Pastures, lawns	Pest
95.	<a href="#">Red harvester ant</a>	Hymenoptera	Pastures	Pest
96.	<a href="#">Velvet ants</a>	Hymenoptera	Soil	Pest
97.	<a href="#">Yellowjackets</a>	Hymenoptera	House eaves	Pest
98.	<a href="#">Lone star tick</a>	Acari	Cattle	Pest
99.	<a href="#">Spider mites</a>	Acari	Plants	Pest
100.	<a href="#">Crab spiders</a>	Araneae	Flowers	Beneficial
101.	<a href="#">Recluse spiders</a>	Araneae	Board piles	Pest
102.	<a href="#">Widow spiders</a>	Araneae	Woodlots	Pest
103.	<a href="#">Wolf spiders</a>	Araneae	Under rocks	Beneficial
104.	<a href="#">Yellow garden spider</a>	Araneae	Garden	Beneficial

105. <a href="#">Scorpions</a>	Scorpionida	Log piles	Pest
106. <a href="#">Sun spiders (Wind scorpions)</a>	Solpugida	Arid regions	Inconsequential

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