

Insect Orders and Preserving Methods

Taxobox No.*	Order	Common Names	How to Preserve**
2	Archaeognatha	Bristletails	ETOH
	Arachnida (Chelicerates)	Spiders	ETOH
15	Blattodea	Cockroaches	Adult: pin; Nymph: ETOH
	Chilopoda	Centipedes	Kill & preserve in ETOH
22	Coleoptera	Beetles	pin/point
7	Dermaptera	Earwigs	pin/point
	Diplopoda	Millipedes	Kill & preserve in ETOH
24	Diptera	Flies	pin/point
8	Embioptera	Webspinners	ETOH, slide mount
4	Ephemeroptera	Mayflies	Adult: pin/point; nymphs p191
20	Hemiptera	Cicadas, Hoppers, Spittle bugs, aphids, scale insects	pin/point
1	Hexapoda	Springtails, Diplura	ETOH
29	Hymenoptera	Ants, bees, wasps, sawflies	pin/point
16	Isoptera	Termites	ETOH, slide mount
28	Lepidoptera	Butterflies & moths	Spread & pin; paper
14	Mantodea	Mantids	pin
25	Mecoptera	Hangingflies, scorpionflies, snowfleas	1) Panorpid: pin 2) Bittatids: paper envelope 3) Boreids: point
21	Megaloptera	alderflies, dobsonflies, fishflies	Pin/point; ETOH; envelopes
21	Neuroptera	lacewings, owlflies, antlions	Pin/point; ETOH; envelopes
12 & 13	Notoptera	Heelwalkers, Ice or rock crawlers	
5	Odonata	Damselflies and dragonflies	Record eye color before killing!! Kill in acetone. Store in glassine envelopes
10	Othoptera	Grasshoppers, locusts, katydids, crickets	Adult: pin; Nymph: ETOH
11	Phasmatodea	Walking sticks	Pin with cardboard support
18	Phthiraptera	Chewing & sucking lice	ETOH, slide mount
6	Plecoptera	Stoneflies	ETOH
17	Psocoptera	Bark and Book Lice	pin/point will shrivel & need to be rehydrated to study; ETOH and colors fade
21	Raphidioptera	Snakeflies	Pin/point; ETOH; envelopes
26	Siphonaptera	Fleas	70% ETOH
23	Strepsiptera	Strepsipterans	ETOH, slide mount
19	Thysanoptera	Thrips	ETOH, slide mount
27	Trichoptera		ETOH
9	Zoraptera	Angel insects	ETOH, slide mount
3	Zygentoma (Thysanura)	Silverfish	ETOH
	Hemiptera	Scale insects	ETOH
* From The Insects, Gullan and Cranston			
** From Borror & DeLong Study of Insects			
ETOH - Alcohol; Can vary from 70-85%			
Nymphs -- Always preserve in ETOH			