

Insect Orders: (Common names, mouthpart types, wing no. and type)

Order Name	Common name	Adult Mouthparts	Wings (no. and type)
Anoplura	Sucking lice	Piercing-sucking, stylet sac	absent
Blattaria	Cockroaches	Chewing	Variable
Coleoptera	Beetles	Chewing	2 pair (1st pair = <i>elytra</i>)
Collembola	Springtails	Chewing	Apterous
Dermaptera	Earwigs	Chewing	2 pair, front pair elytra, second membranous
Diplura	Diplurans	Chewing	lacking
Diptera	Flies	Piercing-sucking, or sponging	1 pair, 2nd pair modified into halteres
Embioptera (Embiidina)	Webspinners	Chewing	2 pair or absent
Ephemeroptera	Mayflies	Vestigial	2 pair, membranous
Hemiptera	"True bugs"	Piercing-sucking	2 pair, 1st pair <i>hemelytra</i>
Homoptera	Cicadas, aphids, whiteflies	Piercing-sucking	2 pair, both membranous but may be pigmented
Hymenoptera	Bees, ants, wasps	Chewing or chewing-lapping	2 pair, membranous
Isoptera	Termites	Chewing	2 pair or absent
Lepidoptera	Moths, butterflies	Siphoning or vestigial	2 pair, covered with scales or absent
Mallophaga	Chewing lice	Chewing	Absent
Mantodea	Praying mantis	Chewing	Variable
Mecoptera	Scorpionflies	Chewing	2 pair
Megaloptera	Dobsonflies	Chewing	2 pair, membranous
Neuroptera	Lacewings, mantispids	Chewing	2 pair, membranous
Odonata	Dragonflies, damselflies	Chewing	2 pair, membranous
Orthoptera	Grasshoppers, crickets, katydids	Chewing	2 pair, first pair tegmina,
Phasmida	Walking sticks	Chewing	Variable
Plecoptera	Stoneflies	Chewing	2 pair
Protura	Proturans	Chewing	lacking
Psocoptera	Book and bark lice	Chewing	2 pair or absent
Siphonaptera	Fleas	Piercing-sucking	Always absent
Strepsiptera	Twisted-winged parasites		1 pair, <i>front</i> pair halteres or absent (f f 's)
Thysanoptera	Thrips	Rasping-sucking	2 pair, fringed with hairs
Thysanura	Bristletails, silverfish	Chewing	Apterous (none)

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Trichoptera	Caddisflies	Chewing	2 pair, frequently hairy or with scales
Zoraptera	Zorapterans	Chewing	2 pair or absent