

Order Hymenoptera: sawflies, horntails, Cynipidae

Phytophagous Hymenoptera

Family	Family Common Name	Species
Tenthredinidae	common sawflies	brown headed ash sawfly dogwood sawfly dusky birch sawfly yellowheaded spruce sawfly larch sawfly rose slug pear slug birch leafminer willow regall sawfly
Diprionidae	conifer sawflies	redheaded pine sawfly introduced pine sawfly white pine sawfly
Pamphiliidae	web spinning/ leaf rolling	pine false webworm
Cimbicidae	cimbicid sawflies	elm sawfly
Siricidae	horntails	horntail
Cephalidae	stem sawflies	

Apocrita: Parasitic hymenoptera, bees, wasps, ants

First abdominal segment associated with thorax and separated by a constriction from the rest of the body.

Family	Family Common Name	Hosts
Gasteruptionidae	gasteruptionid wasps	solitary wasps and bees
Braconidae	braconid wasps	eggs, larvae, pupae
Ichneumonidae	ichneumonid wasps	larvae, pupae
Mymaridae	mymarid wasps	eggs
Trichogrammatidae	trichogrammatid wasps	eggs
Eulophidae	eulophid wasps	eggs, larvae
Encyrtidae	encyrtid wasps	eggs, larvae, pupae
Pteromalidae	pteromalid wasps	eggs, larvae, pupae
Eucharitidae	eucharitid wasps	ant pupae

Perilampidae	perilampid wasps	eggs on foliage, larvae attack hosts
Eurytomidae	seed chalcids	seeds
Chalacididae	chalcid wasps	Lepidoptera/Diptera pupae, wasps, beetles
Cynipidae	gall wasps: bullet gall, gouty oak gall, mossy rose gall, spiny rose gall	oaks and other plants
Proctotrupidae	proctotrupid wasps	Lepidoptera
Scelionidae	scelionid wasps	eggs
Platygastridae	platygastrid wasps	Cecidomyiidae
Chrysididae	cuckoo wasps	sawflies
Bethylidae	bethylid wasps	beetles or leps in grain
Dryinidae	dryinid wasps	homoptera
Sphecidae	sphecid wasps	caterpillars, spiders
Apidae	bumble bees, honey bees, cuckoo bees, carpenter bees	pollen, nectar carpenter bees nest in wood
Tiphiidae	tiphiid wasps	Japanese beetle
Mutellidae	velvet ants	larvae of wasps, bees, beetles, or flies
Pompilidae	spider wasps	spiders
Scoliidae	scoliid wasps	grubs
Vespidae	vespid wasps	pollen, nectar, other insects and animals
Formicidae	ants	seeds, pollon, nectar, other insects

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