

SAWFLIES AND PARASITIC HYMENOPTERA
(Hymenoptera)

Wasplike insects.

ICHNEUMONS, Family Ichneumonidae p. 322

Slender, wasplike; antennae long, many-segmented; hind trochanters 2-segmented; ovipositor often long; costal cell and base of cubital vein lacking; 2 recurrent veins.
Lyneon orbum (Say); e. U.S.

BRACONIDS, Family Braconidae p. 320

Similar to ichneumons but with 1 recurrent vein or none; base of cubital vein present or absent.
Rogas terminalis (Cresson); N. America.

COMMON SAWFLIES, Family Tenthredinidae p. 314

Base of abdomen broadly joined to thorax; front tibiae with 2 spurs at tip; antennae threadlike, usually 9-segmented; FW with 1 or 2 marginal cells, and without an intercostal vein.
Tenthredo varipictus Norton; w. U.S.

HORNTAILS, Family Siricidae p. 316

Base of abdomen broadly joined to thorax; front tibiae with 1 spur at tip; tip of abdomen with a spear or spine; pronotum wider than long, and shorter along midline than at sides; usually 25-35 mm.
Tremex columba (Linn.); N. America.

CUCKOO WASPS, Family Chrysididae p. 338

Metallic blue or green, usually with coarse sculpturing, 6-12 mm.; abdomen with 4 or fewer segments and concave beneath, the last segment often with teeth on rear edge; venation somewhat reduced, with no closed cells in HW.
Chrysis smaragdula Fabricius; e. U.S.

VELVET ANTS Family Mutillidae p. 344

Very hairy wasps, often brightly colored; ♀ wingless and ant-like; 6-20 mm.
Dasymutilla occidentalis (Linn.), ♀; e. U.S.

CIMBICID SAWFLIES, Family Cimbicidae p. 316

Base of abdomen broadly joined to thorax; antennae with 7 or fewer segments and slightly clubbed; 18-25 mm.
ELM SAWFLY, *Cimbex americana* Leach; e. U.S.

TIPHIID WASPS, Family Tiphiidae, Subfamily Myziniinae p. 342

Black and yellow, long-legged, usually over 20 mm.; mesosternum with 2 lobes at rear; 1st discoidal cell not usually long.
Myzinum quinquecinctum (Fabricius); N. America.

