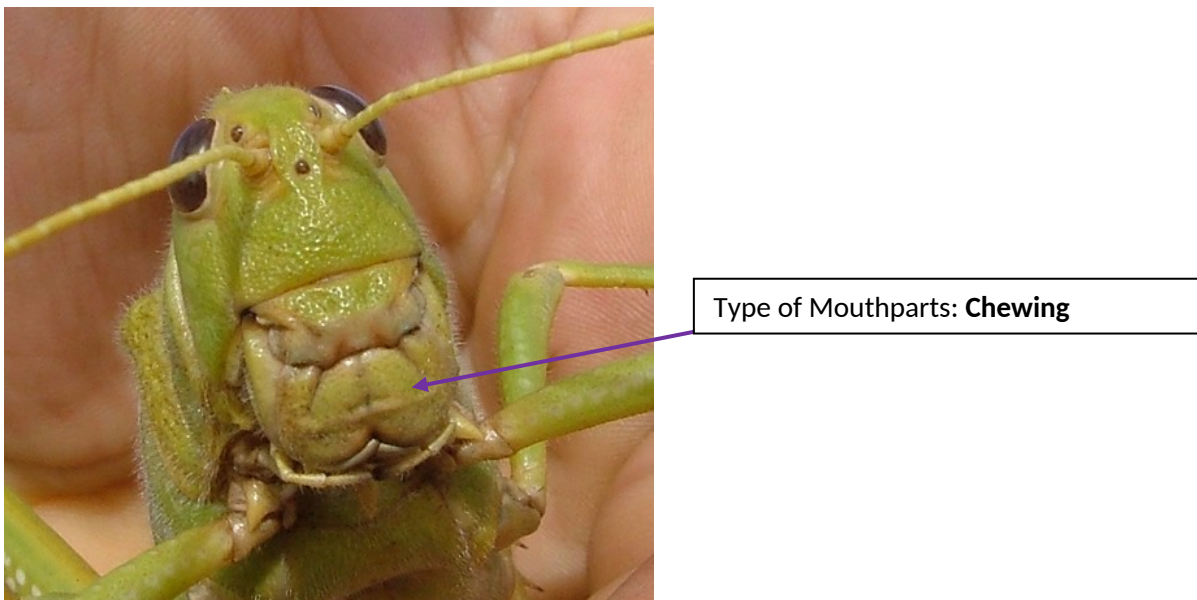
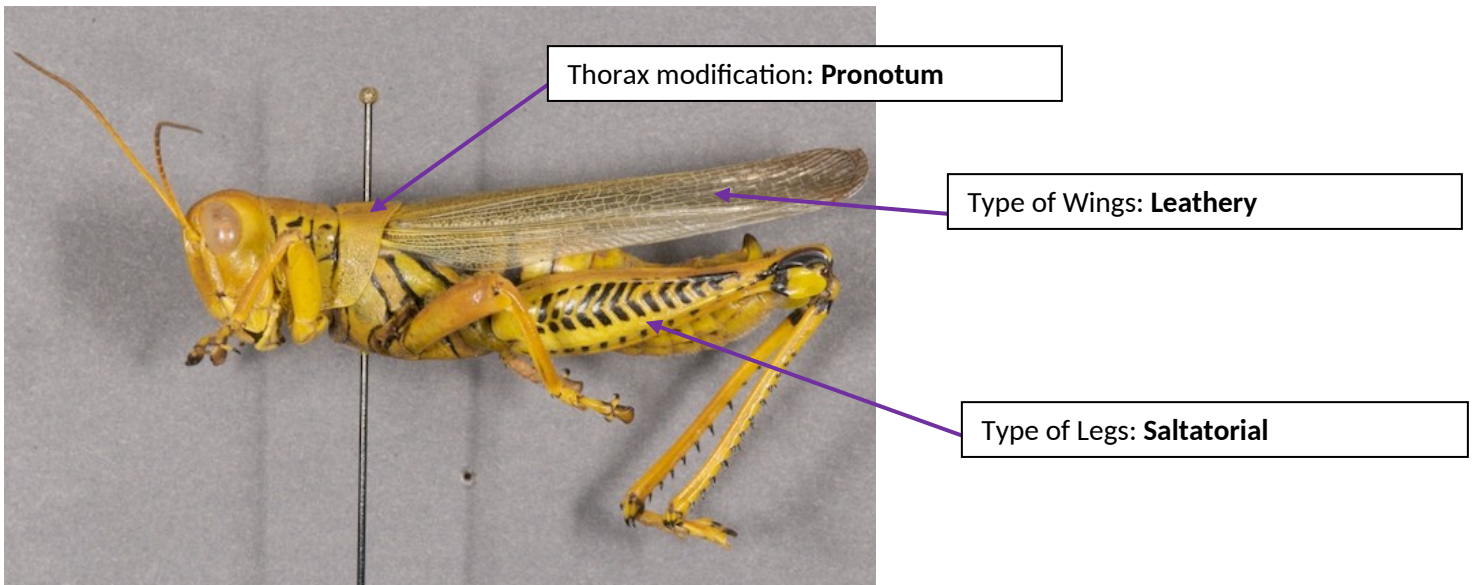


Activity: External Anatomy Lab

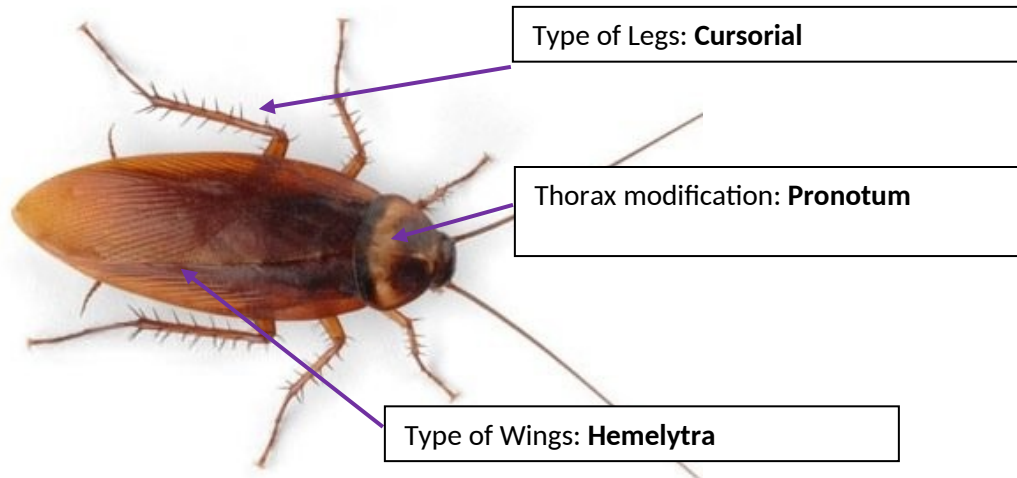
Directions: Label the following items and identify the Order name for each of the insects. The below terms may be used more than once.

- Types of mouthparts: Chewing, Piercing-sucking, Siphoning, Chewing-lapping, Sponging
- Types of legs: Natatorial, Saltatorial, Fossorial, Raptorial, Cursorial)
- Types of Wings: Membranous, Hemelytra, Elytra, Halteres, Leathery
- Thorax modification: Pronotum, Scutellum
- Types of larvae: Eruciform, Elateriform, Scarabaeiform, Campodeiform, Vermiform
- Types of pupae: Exarate, Obtect, Coarctate

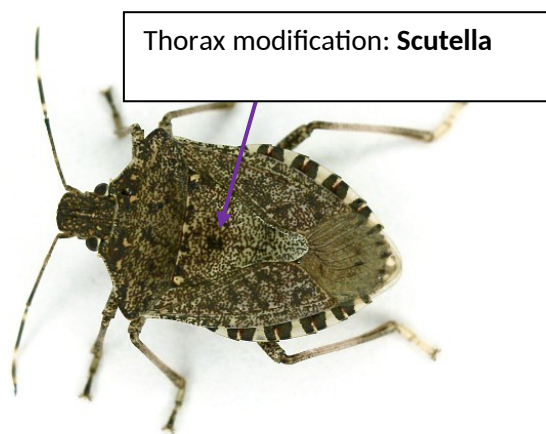
Grasshopper (Order: **Orthoptera**)



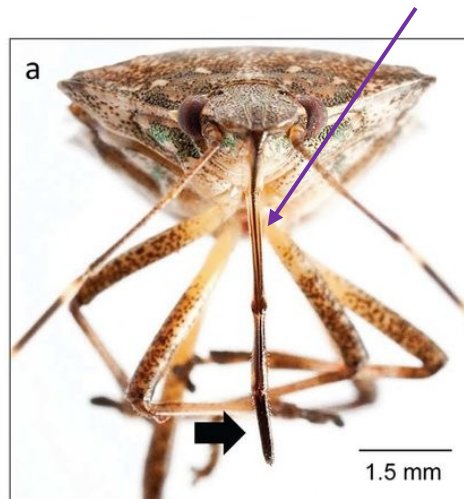
Cockroach (Order: **Blattodea**)



Stink Bug (Order: **Coleoptera**)



Type of Mouthparts: **Piercing-sucking**



Type of Wings: **Elytra**

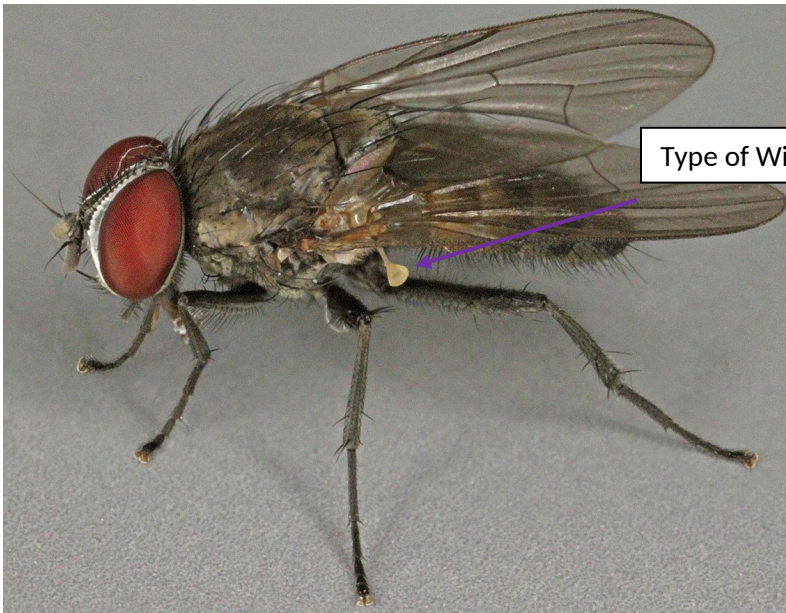


Diving beetle (Order: **Coleoptera**)



Type of Legs: **Natatorial**

House Fly (Order: **Diptera**)



Type of Wings: **Halteres**

Moth/Bee/Fly Mouthparts



Type of Mouthparts: **Siphoning**



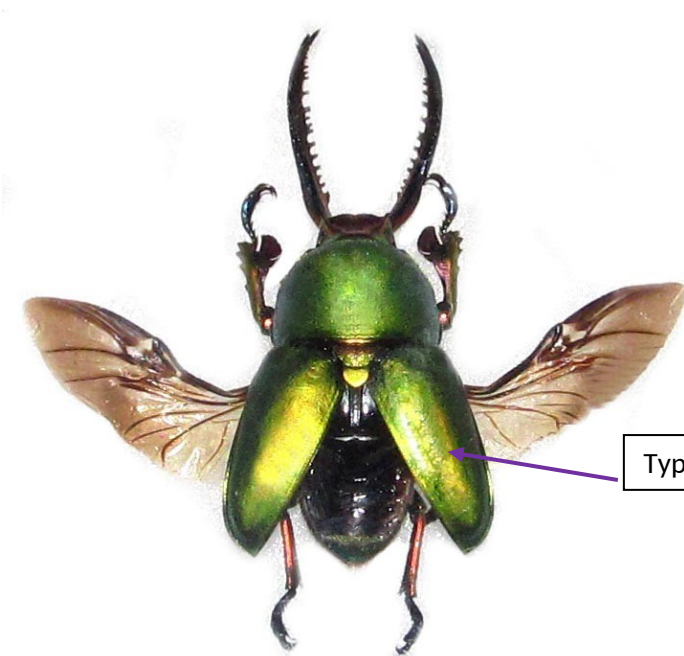
Type of Mouthparts: **Chewing-lapping**



Type of Mouthparts: **Sponging**

Moth (Order: **Lepidoptera**) Bee (Order: **Hymenoptera**) Fly (Order: **Diptera**)

Rhinoceros Beetle (Order: **Coleoptera**)



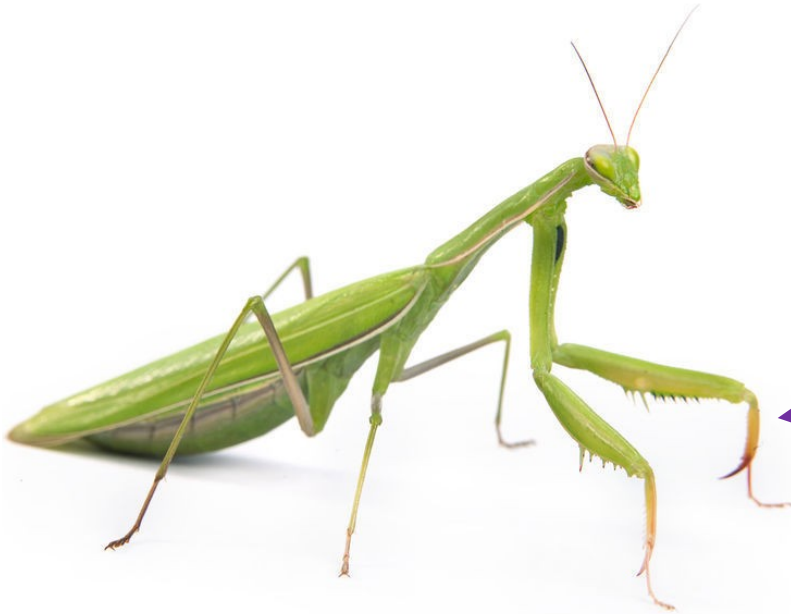
Type of Wings: **Elytra**

Mole Cricket (Order: **Orthoptera**)



Type of Legs: **Fossorial**

Praying Mantis (Order: **Mantis**)



Type of Legs: **Raptorial**

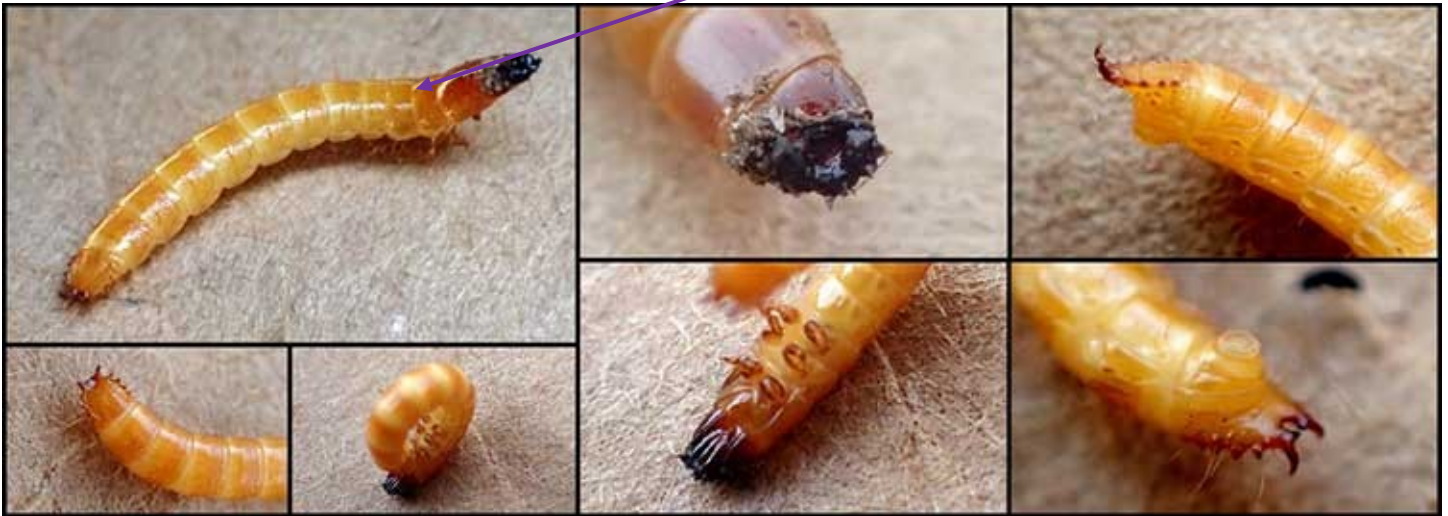
Dragonfly (Order: **Odonata**)



Type of Wings: **Membranous**

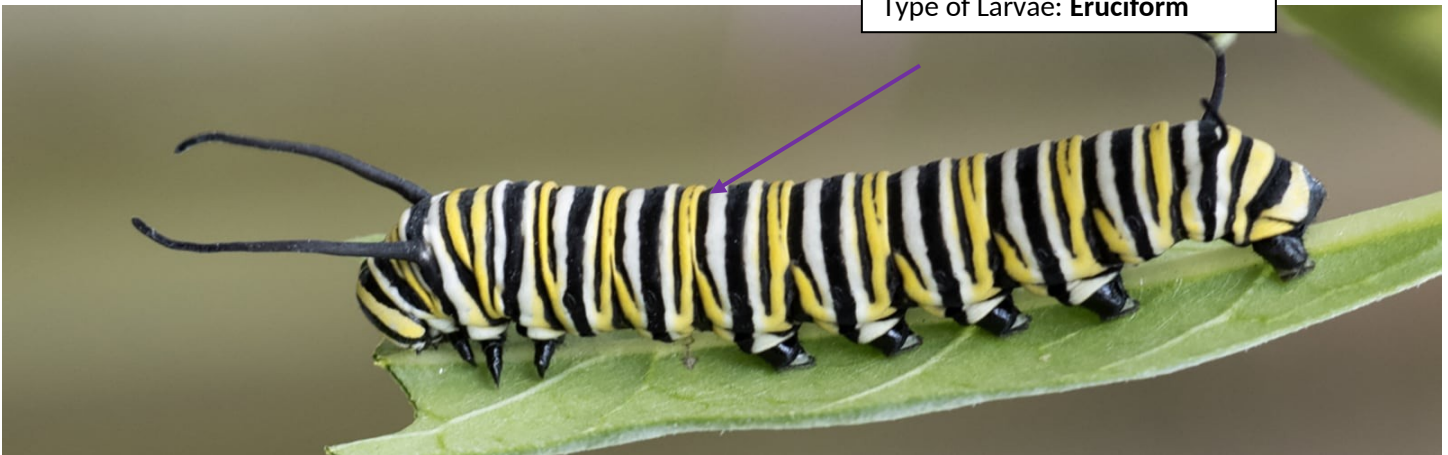
Type of Larvae: **Eruciform**

Click Beetle Larvae (Order: **Coleoptera**)



Type of Larvae: **Eruciform**

Monarch Caterpillar (Order: **Leiodoptera**)

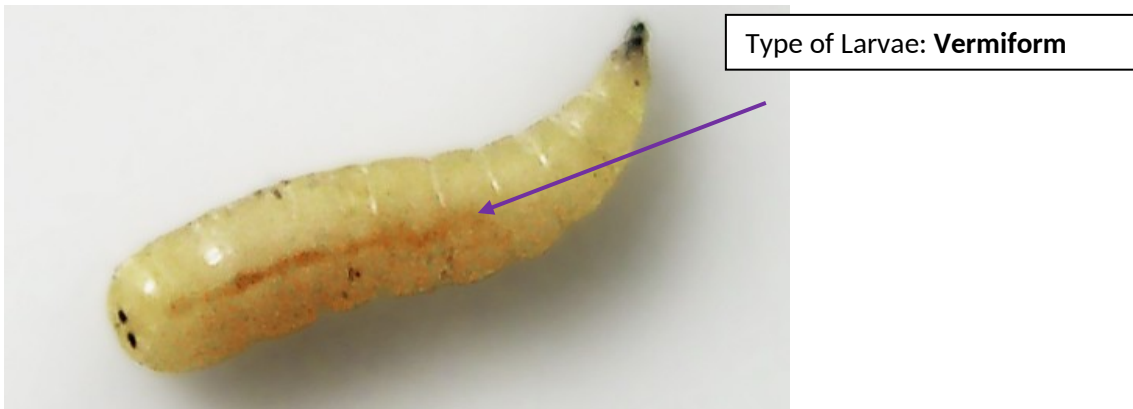


Grub (Order: **Coleoptera**)

Type of Larvae: **Scarabaeiform**



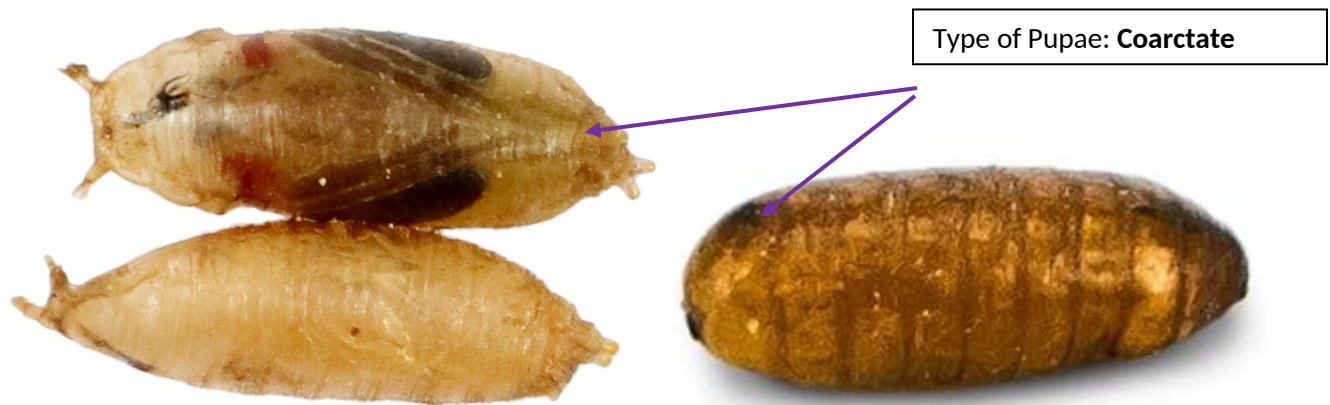
House Fly Maggot (Order: **Diptera**)



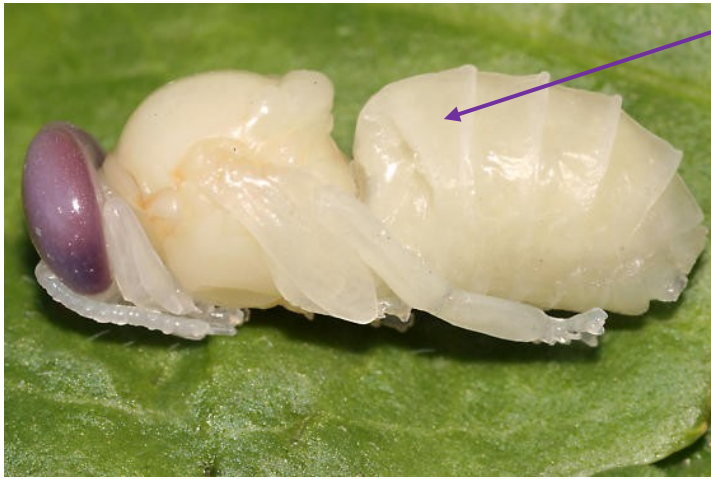
Lacewing Larvae (Order: **Neuroptera**)



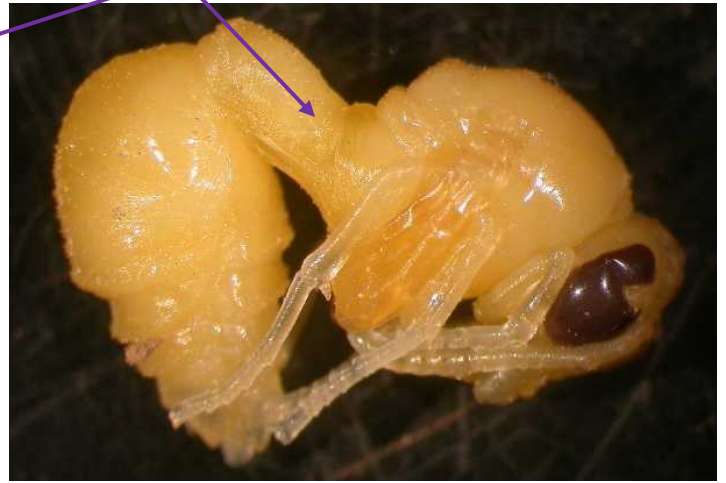
Fruit Fly and House Fly Pupae (Order: **Diptera**)



Honey Bee and Wasp Pupae (Order: **Hymenoptera**)



Type of Pupae: **Exarate**



Eastern Black Swallowtail and Tobacco Hornworm Pupa (Order: **Lepidoptera**)



Type of Pupae: **Obtect**



Mosquito Pupa (Order: **Diptera**)



Type of Pupae: **Obtect**