

Life History of Mosquito

Classification:

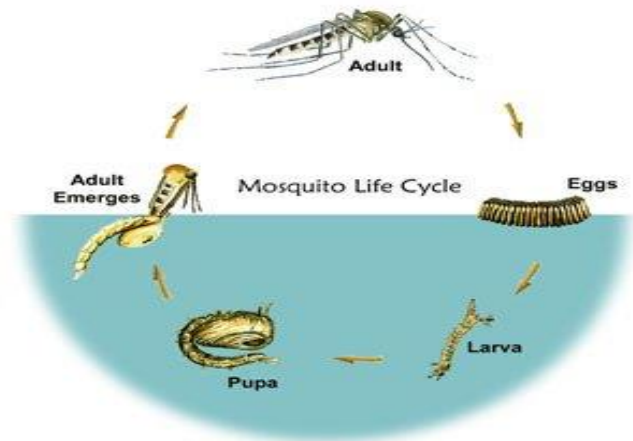
Kingdom : Animalia

Phylum : Arthropoda

Class : Insecta

Order : Diptera

Family : Culicidae



For further details [Link](#)

Life History :

- The mosquito life cycle consists of four stages: Egg, larva, pupa, and adult, all of which occur in aquatic environments except for the adult stage.
- Female mosquitoes lay eggs on or near standing water, which then hatch into larvae. Larvae develop into pupae, and finally, pupae transform into adult mosquitoes.
- Only female mosquitoes bite and feed on blood, which is necessary for egg production.

Egg :

- Female mosquitoes lay eggs on or near standing water, or in containers that can hold water.
- Some species lay eggs individually, while others lay them in rafts.
- The eggs can hatch in a few days, or even months, depending on the species and environmental conditions.
- Eggs can sometimes survive dry conditions for a period before hatching when water becomes available.

Larval stage :

- The larvae, also known as "wigglers," live in the water.

- They feed on organic matter, algae, and microorganisms.
- Larvae breathe air, typically through a siphon tube at the tail end.
- They molt their skin four times during this stage as they grow.
- The larval stage can last from a few days to a couple of weeks, depending on the species and environmental factors.

Pupal Stage:

- The pupae, or "tumblers," are a non-feeding stage where the mosquito develops into an adult.
- They remain near the water surface, taking in air through breathing tubes.
- The pupal stage is relatively short, lasting only a few days.

Adult Stage:

- The adult mosquito emerges from the pupal case, and after drying and hardening its body parts, it can fly.
- Male mosquitoes feed on nectar and other plant juices.
- Female mosquitoes also feed on nectar but require a blood meal to produce eggs.
- They bite humans and other animals to obtain blood, and this is how diseases can be transmitted.
- After a blood meal, female mosquitoes lay eggs, and the cycle begins again.