

INSECT PESTS OF HOUSEHOLD

HOUSE FLY



Taxonomy

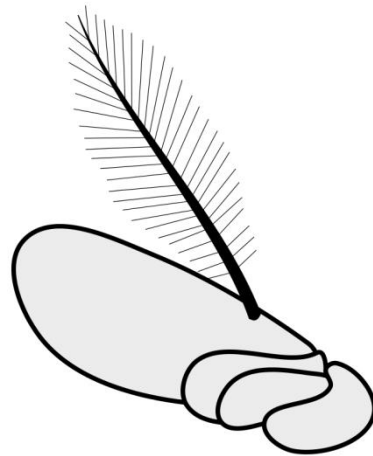
HOUSE FLY

- *T.N:* *Musca domestica*
- *Family:* Muscidae
- *Order:* Diptera

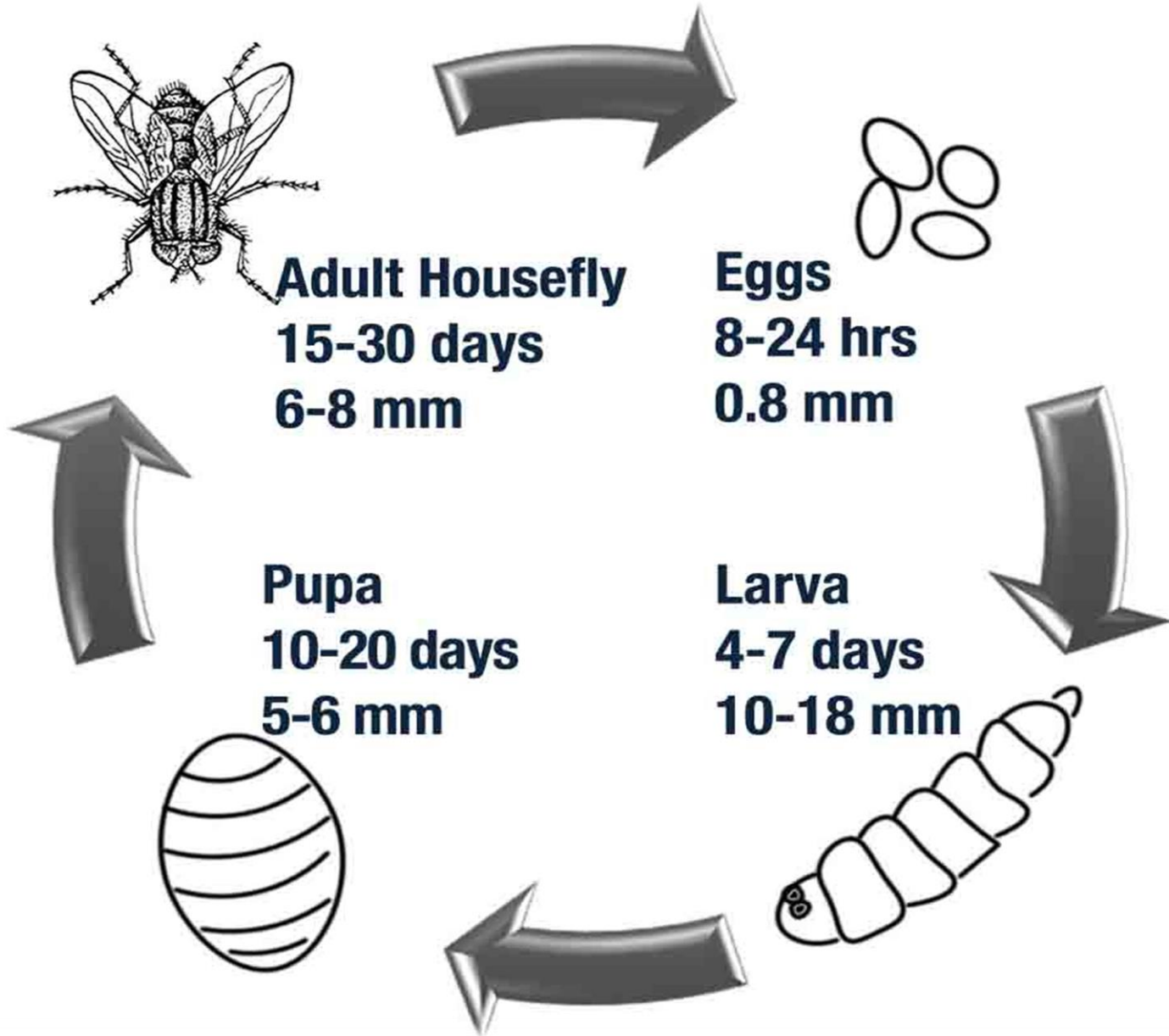


Identification

- Eggs are elongate and whitish
- Maggots are creamy white
- Adult housefly is of dull color with pale grey wings
- Aristate antenna



Life Cycle of a Housefly



Life Cycle

- Adult females lay eggs in cluster in heaps of manure or feces
- The maggots feed upon decaying matter, crawl to the margins of the breeding material and pupate in brown and barrel shaped puparium
- There are 10-12 generation in one summer

Damage

- Contamination of food,
- Transmission of important infectious disease to human beings such as fever, cholera, tuberculosis and parasitic disease to certain mammals and birds of agricultural importance



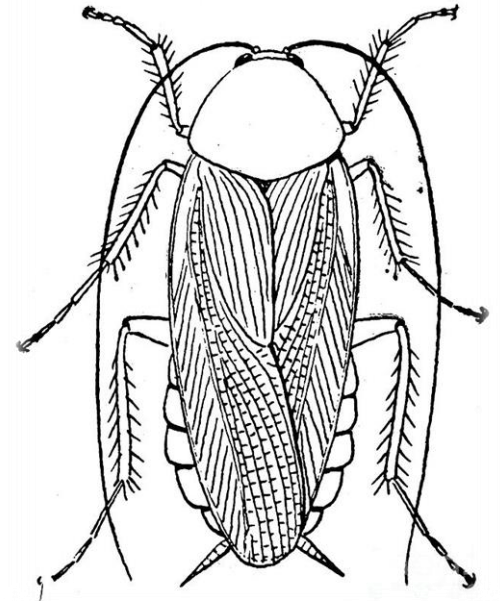
AMERICAN COCKROACH



Taxonomy

AMERICAN COCKROACH

- *T.N:* *Periplaneta americana*
- *Family:* Blattidae
- *Order:* Dictyoptera

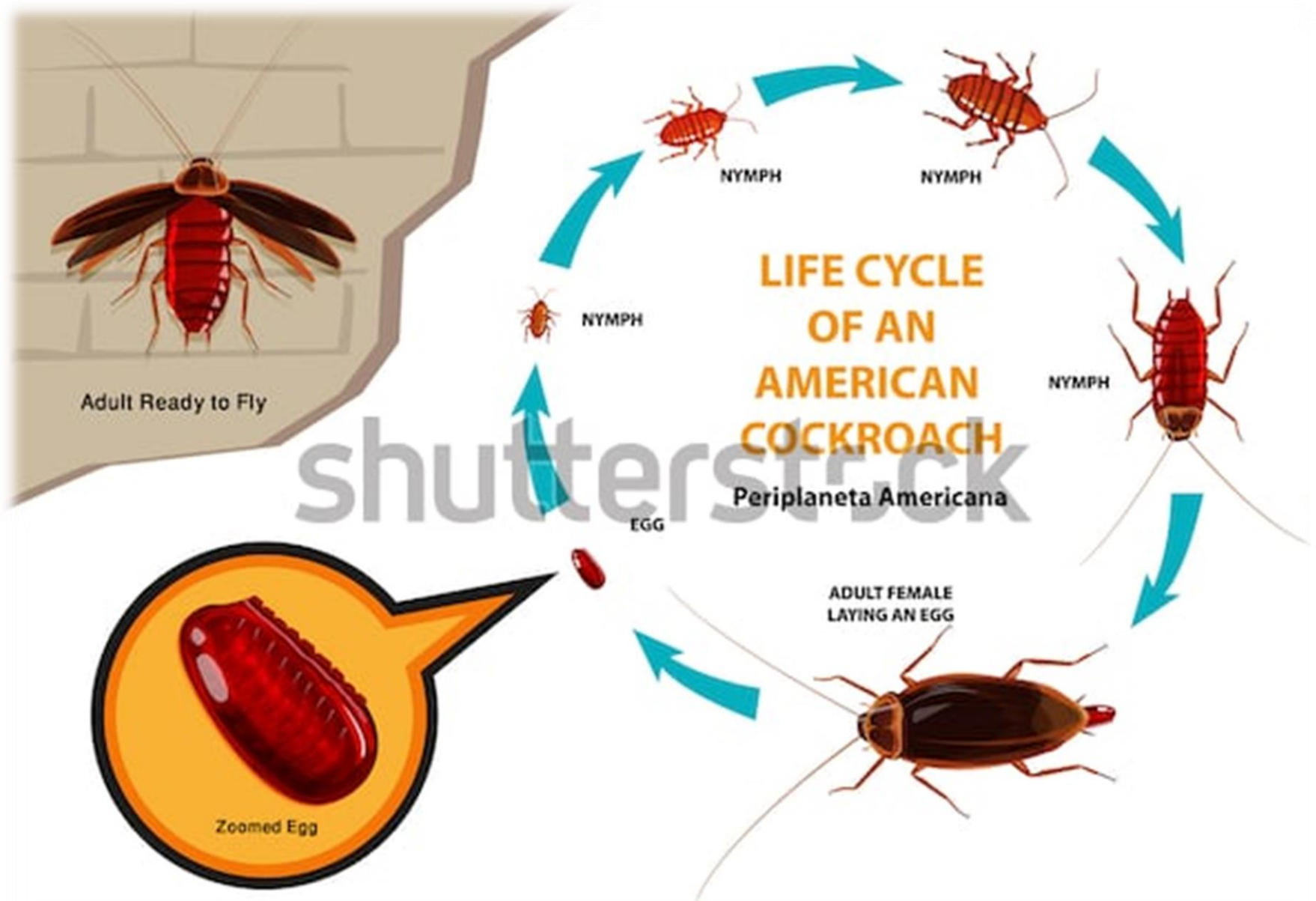


Identification

- Egg capsule is bean shaped - dark brown or black in colour
- Nymphs are small and wingless
- The adult is of reddish brown in color with flattened body and setaceous antennae



Life Cycle



Life Cycle

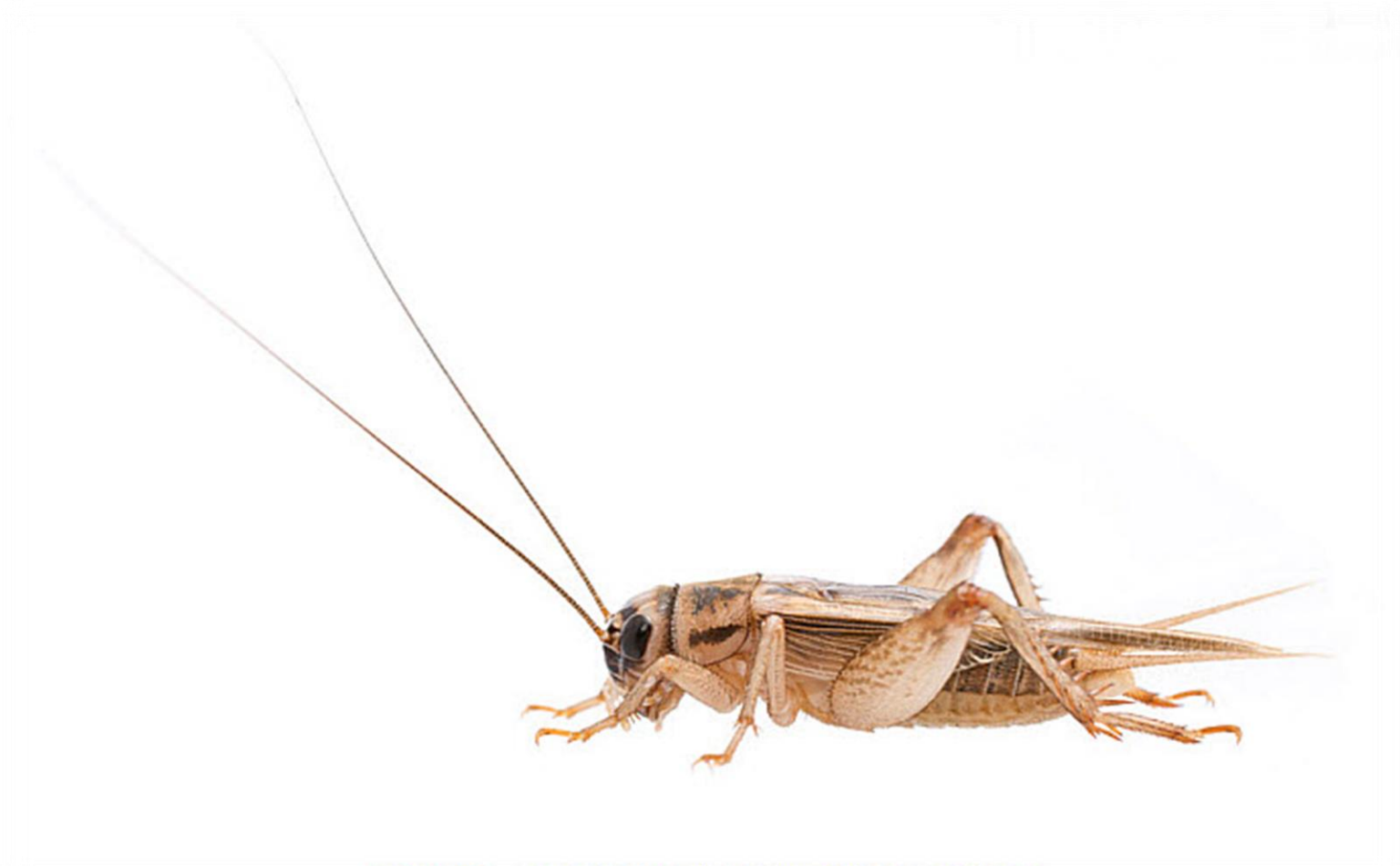
- Female lay egg in a dark brown bean shaped capsule
- Nymphs resemble the adult but are smaller and lighter in color, moult 13 times to become adults
- Adults are long lived and there are several generations in a year

Damage

- The sugary and starchy substance in the houses are damaged by cockroaches by their excreta and offensive smell does not go even after cooking
- They also feed - books and leathery material
- These insects are common in old buildings, unclean kitchens and restaurants and dirty places
- These are also important vectors of diseases to human beings such as asthma, cholera and dysentery



HOUSE CRICKET



01515332 © MYN / Paul van Hoof / naturepl.com

Taxonomy

HOUSE CRICKET

- *T.N:* *Acheta domestica*
- *Family:* Gryllidae
- *Order:* Orthoptera



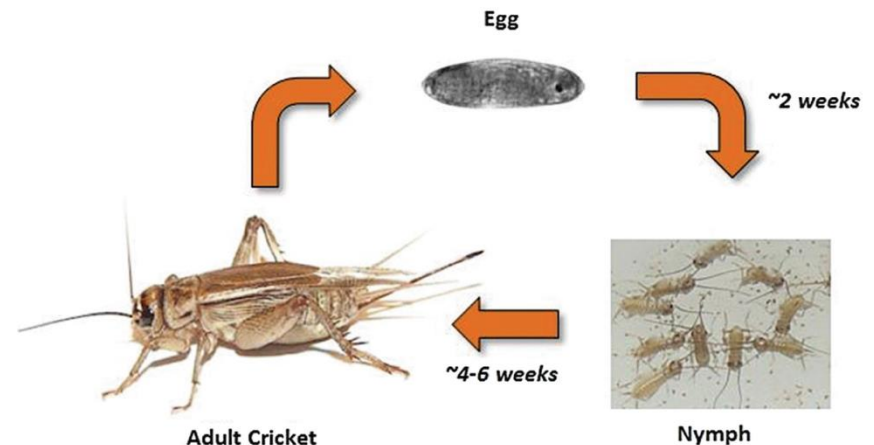
Identification

- Eggs are yellowish in colour
- Nymphs are small and wingless
- The adults yellowish brown or straw coloured with long antennae and **stout hind legs which are used for jumping**



Life Cycle

- Active throughout the year
- Its female lays eggs in batches in the soil, crevices and dark moist corners inside houses
- After hatching nymphs emerge which resemble the adult but they are smaller or wingless
- The crickets are solitary nocturnal insects and hide during the day time under boxes, behind books, curtains or pictures
- There is only one generation in a year



Damage

- At home these insects are chiefly a nuisance
- They will also eat food and cloths



Control of Household Insects



- Screening of door and windows
- Proper cleanliness should be done to prevent their damage
- Use poison baits and sticky paper strips to attract and kill a large number of flies
- Properly dispose the garbage, manures, food waste, human excrement, sewage, dead animals
- Spray with 2% malathion or 0.5% trichlorphos is effective against these insects