

# TREE LOVERS SOCIETY

PRESENTS



An Initiative For BUTTERFLY  
Conservation & Awareness





# IMPORTANCE OF BUTTERFLIES

**They pollinate plants  
in your garden**



**They make us happy**

**They act as Bio Indicators  
of a Healthy Environment**







# STAVING OFF EXTINCTION

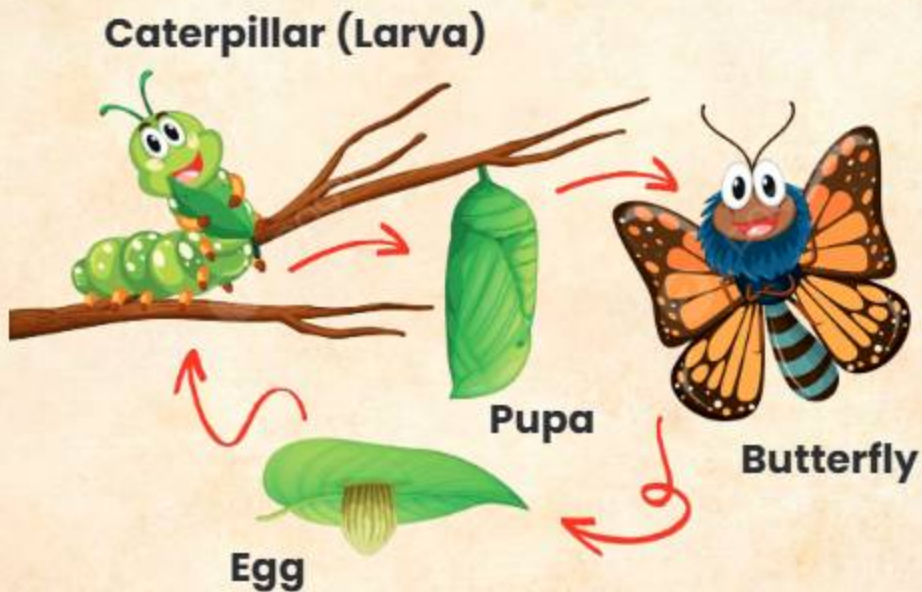
Butterflies are facing a Global decline due to human Activities Like Habitat Loss, Climate Change, And Pollution.

Causes

- **Habitat loss:** Conversion of natural areas to human development and agriculture
- **Climate change:** Has both positive and negative effects depending on the species and region
- **Pollution:** Chemical pollution and pesticides
- **Invasive plants:** Can harm butterfly populations



# BUTTERFLY LIFE CYCLE







## **MOST COMMON BUTTERFLIES OF PUNJAB**



**Danaus chrysippus**  
(Plain Tiger)



**Danaus genutia**  
(Common Tiger)



**Catopsilia pomona**  
(Common Emigrant)



**Catopsilia pyranthe**  
(Mottled Emigrant)



**Pieris brassicae**  
(Cabbage White)



**Papilio demoleus**  
(Lime Butterfly)



**Papilio polytes**  
(Common Mormon)



**Belenois aurota**  
(Pioneer)



**Junonia orithya**  
(Blue Panzy)





# HOST PLANTS

A Host Plant Is A Specific Plant That Butterfly, Or Caterpillar Eats, Lives On, Or Lays Its Eggs On.



**Murraya koenigii**  
(Curry Leaf)



**Calotropis gigantea**  
(Aak)



**Polyathia longifolia**  
(Ashoka)



**Citrus limon**  
(Lemon)



**Passiflora edulis**  
(Passion Fruit)



**Kalanchoe pinnata**  
(Patharchatta)



**Aegle marmelos**  
(Bael)



**Ziziphus mauritiana**  
(Ber)



**Cassia fistula**  
(Amaltas)







# NECTAR PLANTS

Nectar plants are flowering plants that produce nectar, a sweet liquid that attracts butterflies.



**Lantana camara**  
(Lantana)



**Sadabahar**  
(*Catharanthus roseus*)



**Ixora**  
(*Ixora Coccinea*)



**Asclepias**  
(Milkweed)



**Murraya paniculata**  
(Murraya)



**Sphagneticola trilobata**  
(Wedelia)



**Tagetes**  
(Marigold)



**Crotalaria retusa**  
(Rattle-Weed)



**Heliotropium arborescent**  
(Heliotrope)





# BUTTERFLY BEHAVIOURS



## SUN BASKING

In the butterfly world, basking is the process of sun-bathing that helps increase temperature in the wing muscles

## ROOSTING

Roosting is when butterflies rest together in a group, often at night. It's a behavior that helps butterflies conserve energy and protect themselves from predators.



## MUD PUDDLING

Mud puddling is when butterflies gather around wet or muddy areas to drink mineral-rich water. It's a behavior that's most common in male butterflies.

## Courtship and Mating

A male butterfly may "drop" a female to the ground; as the mating ritual continues, he rubs his scent glands on her antennae as a further measure of acquaintance. Mating will commence if the female is receptive to these actions







## SETUP A BUTTERFLY GARDEN AT HOME

- Choose the right plants. Nectar plants feed adult butterflies, while caterpillars require specific host plants.
- Provide shelter and sunshine. Grasses, shrubs and piles of rocks or branches give butterflies places to rest. Flat rocks let them bask in the sun.
- Avoid pesticides (even "natural" ones). Learn to tolerate a few pests to allow butterflies to thrive.





Save Butterflies For a  
**Healthy Environment**

*Thank  
you!*

**TREE LOVERS SOCIETY**

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