

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

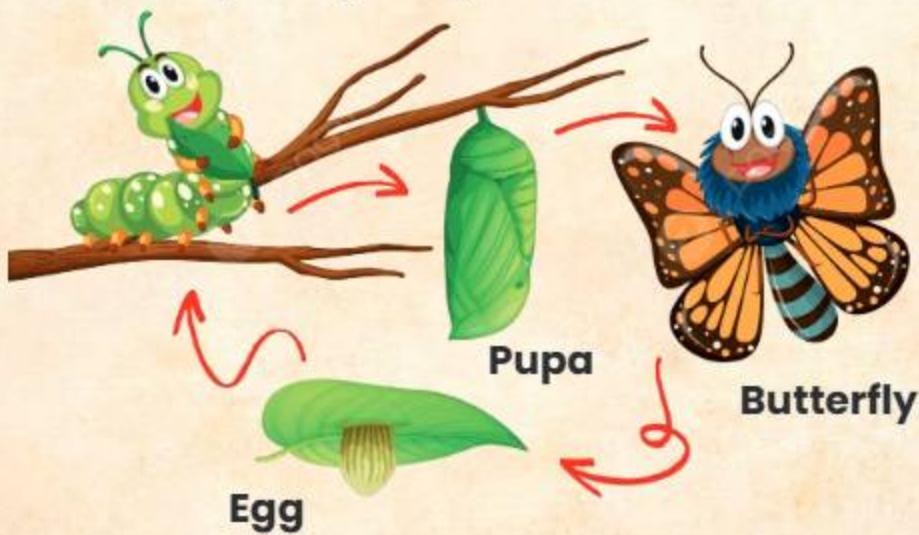
- **Habitat loss:** Conversion of natural areas to human development and agriculture
- **Climate change:** Has both positive and negative effects depending on the species and region
- **Pollution:** Chemical pollution and pesticides
- **Invasive plants:** Can harm butterfly populations





BUTTERFLY LIFE CYCLE

Caterpillar (Larva)





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
(Beri)



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 panniculata
(*Murraya*)



Sphagneticola trilobata
(*Wedelia*)



Tagetes
(*Marigold*)



Crotalaria retusa
(*Rattle-Weed*)



Heliotropium arborescens
(*Heliotrope*)





BUTTERFLY BEHAVIOURS



SUN BASKING

In the butterfly world, basking is the process of sunbathing 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 GARGEN 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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Spl. Thanks to

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