

Neuroptera Species

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About Neuroptera Species:

- **Indophanes barbara**
 - It is **an antlion** belonging to the Myrmeleontidae **family**.
 - The larva of Indophanes barbara does not build pits like common antlion species.
 - They live under the **surface in loose soils** where they are protected from direct sunlight, wind and rain.
 - Adults of Indophanes barbara are misidentified as damselflies by non-taxonomists because of their morphological resemblance.
 - It can be easily distinguished by their **long distinct antennae**.
 - They come under Order Neuroptera, which includes holometabolous insects while the damselflies come under Order Odonata, which includes hemimetabolous insects
- **Glenochrysa zeylanica**
 - It is a green lacewing of Chrysopidae family in Order Neuroptera.
 - It was rediscovered after 111 years from Mananthavady and Thirunelly in Wayanad district.

- This species, previously thought to be endemic to Sri Lanka, has been rediscovered from the State and **reported for the first time from India.**

What is a Neuroptera Species?

- It is any of a group of insects commonly called lacewings because of the complex vein patterns in the wings, giving them a lacy appearance.
 - **Habitat:** Neuropteran adults are terrestrial and mostly associated with the aerial parts of plants, where they settle or hunt for prey.
 - **Ecological Significance:** Due to their predatory behaviour, Neuropterans are used in agriculture. The voracious feeding capability, as well as active mobile prey-searching behaviour revealed by the larvae of species particularly of Chrysopidae, Hemerobiidae, and Coniopterygidae makes them active biological control agents of most important pests of agriculture and horticulture.
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Q1: What is Damselfly?

It is any of a group of predatory, aerial insects that are in the order Odonata. Damselflies are found mainly near shallow, freshwater habitats and are graceful fliers with slender bodies and long, filmy, net-veined wings. They are generally smaller, more delicate, and fly weakly in comparison with dragonflies.

Source: TH

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