



Description

Insect eyes have always been intriguing for the scientists. Their compound eyes and the vision associated have helped insects in their predatory lifestyle. However, researchers have recently discovered that iridescent colors confuse the insects, such that they cannot distinguish between shapes. Iridescent colors are actually structural colors which uses repeating nanostructures. These structures cause the light to reflect at different angles, leading to bright flashes of color. These bright colors resemble that of peacock's feathers or even some gems. Researchers at Bristol Camo Lab have performed experiments on bumblebees (considered as model for the predator insects) that clearly show that iridescent colors can confuse their ability to differentiate shapes. Researchers believe that this discovery can be used to develop methods of escaping the predator insects.

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Category

1. Checklist

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