

# Defense mechanisms of butterflies

## 23.1.1 Life Cycle of Butterflies

Write down the correct sequence of the four stages of the life cycle of *Danaus chrysippus*.



**Correct sequence:**

The life cycle of *Danaus chrysippus*





To escape from being predated, butterflies have developed various defense mechanisms in their life cycle. The followings are the typical defense mechanisms of larvae and adults.

### Defence Mechanisms in Larval Stage



Camouflage color





### Defence Mechanisms in Adult stage



**Glassy Tiger**  
*Parantica aglea*

**Warning colour**



**Plain Tiger**  
*Danaus chrysippus*

**Müllerian mimicry**



**Ceylon Blue Glassy Tiger**  
*Ideopsis similis*

**False head**



**Transparent 6-line Blue**  
*Nacaduba kurava*



**Danaid Eggfly**  
*Hypolimnas misippus*

**Batesian mimicry**

**Camouflage**



**Common Evening Brown**  
*Melanitis leda*

**Eyespot**



**Lemon Pansy**  
*Junonia lemonias*

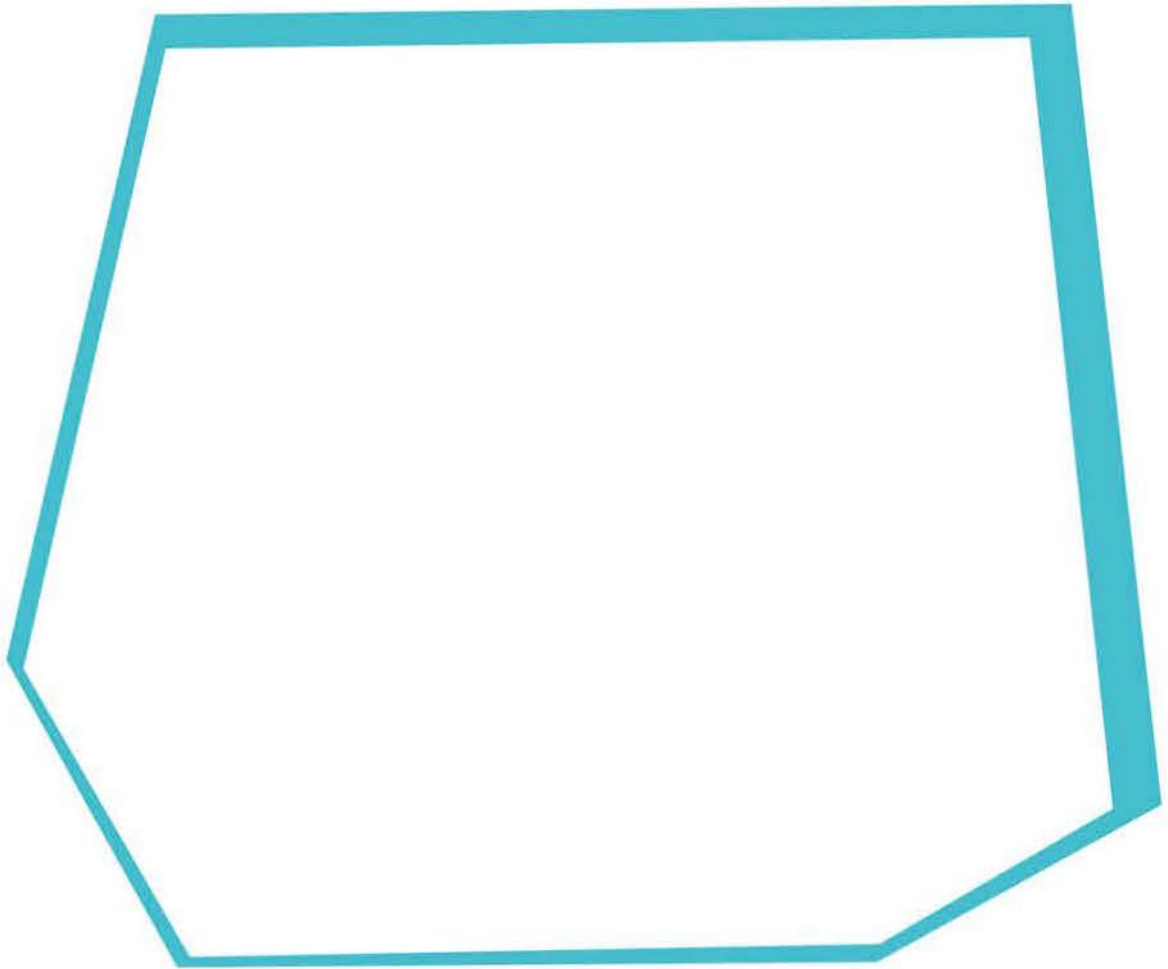




23.1.2 According to the information mentioned above, please match the butterfly with its relevant defense mechanism and the corresponding function.

Butterfly	Defense Mechanism	Function
	<ul style="list-style-type: none"> <li>● False head ●</li> </ul>	<ul style="list-style-type: none"> <li>● a. Provide a shelter</li> </ul>
	<ul style="list-style-type: none"> <li>● Camouflage ●</li> </ul>	<ul style="list-style-type: none"> <li>● b. Avoid being spotted</li> </ul>
	<ul style="list-style-type: none"> <li>● Showy bright red-orange ●</li> </ul>	<ul style="list-style-type: none"> <li>● c. Avoid vital part being attacked</li> </ul>
	<ul style="list-style-type: none"> <li>● Shelter of foliage ●</li> </ul>	<ul style="list-style-type: none"> <li>● d. warning colour</li> </ul>
	<ul style="list-style-type: none"> <li>● Eyespot ●</li> </ul>	<ul style="list-style-type: none"> <li>● e. Scare predator away</li> </ul>

23.1.3 Paste a butterfly photo which was taken during the field visit and write down its defense mechanism .



Defense mechanism: \_\_\_\_\_

