

生物策略表

類別	生物策略 (Strategy)
生物策略 STRATEGY	缺乏翅膀鱗片可以增強偽裝 (Lack of wing scales enhances camouflage)
生物系統 LIVING SYSTEM	透翅蝶 <i>Greta oto</i> (Clearwing butterfly)
功能類別 FUNCTIONS	#改變光線/顏色 #改變材料特性 #形狀/材料最佳化 #物理性組成結構 #保護免受動物危害 #Modify light/color #Modify material characteristic #Optimize shape/material #Physically assemble structure #Protect from animal
作用機制標題	透翅蝶因為翅膀沒有鱗片，停留在任何背景都可以透過蝴蝶的翅膀展現出來，使其有偽裝效果 (The wings of a clearwing butterfly provide camouflage because they lack scales, allowing whatever background the butterfly has landed on to show through its wings.)
生物系統/作用機制 示意圖	
作用機制摘要說明 (SUMMARY OF FUNCTIONING MECHANISMS)	
文獻引用 (REFERENCES)	
<p>「有些蝴蝶的鱗片被修飾成短尖刺狀，而另一些則是呈長且精細的毛。有些蝴蝶，特別是那些有著透明翅膀的透翅蝶，他們僅翅膀的一部份有少數或是沒有鱗片，又或是鱗片縮小成細小的刷毛。這個效果可以使背景，例如牠們在取食時所在的花朵，會透過他們的翅膀而展現出來，令昆蟲達到偽裝的作用。」 (Foy and Oxford Scientific Films 1982: 99-100)</p> <p>“Some butterfly scales are modified into short spiky points, others into long, fine hairs. In some butterflies, especially those known as the clearwings, parts of the wing carry few or no scales, or scales reduced to tiny bristles. The effect of this is to camouflage the insect by allowing its background -- such as the flower on which it is feeding -- to show through the wings.” (Foy and Oxford Scientific Films 1982:99-100)</p>	

參考文獻清單與連結 (REFERENCE LIST)

Foy, S. (1983). *The grand design: form and color in animals*. Prentice Hall.

延伸閱讀: Harvard 或 APA 格式

生物系統延伸資訊連結 (LEARN MORE ABOUT THE LIVING SYSTEM/S)

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AskNature 原文連結

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