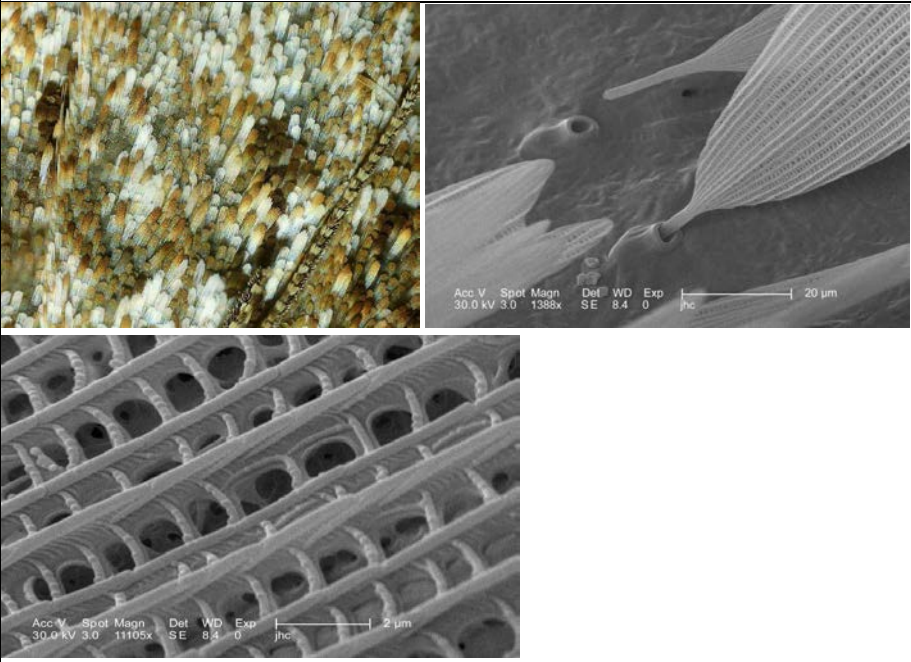


生物策略表

| | |
|--|--|
| 類別 | 生物策略 (Strategy) |
| 生物策略 STRATEGY | 蛾類翅膀上的鱗粉有助於在聲納探測中隱匿 (Wing scales help camouflage from sonar) |
| 生物系統 LIVING SYSTEM | 蛾類 (Moth) |
| 功能類別 FUNCTIONS | #改變大小/外形/質量/體積 #保護免受動物危害 #傳遞聲音訊號 #Modify size/shape/mass/volume # Protect from animals #Send sound signals |
| 作用機制標題 | 蛾類翅膀上的鱗片因為不平坦的形狀能夠防止被蝙蝠聲納清楚探測，能幫助在天敵蝙蝠面前隱匿 (The scales on moth wings help camouflage them from predatory bats because their uneven shape prevents the bats' sonar from detecting them clearly.) |
| 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>「蛾的初級防禦再次從這些覆蓋全身的毛茸茸鱗片而得到了加強。對於人類而言，那些鱗片看起來像是個錯誤，一點都不優雅。但是由於它們不平均的形狀，在蝙蝠的聲納感測範圍裡只會偵測到蛾類雜亂又模糊不清的輪廓。」 (Bodanis 1992: 169)</p> | |

“The moth’s first defense again comes from those fuzzy scales it has all over its body. To us they just seem ungainly, a mistake. But because of their uneven shape, they give the bat only a fuzzy outline on its sonar scope.” (Bodanis 1992: 169)

參考文獻清單與連結 (REFERENCE LIST)

Bodanis, D. (1992). *The secret garden: dawn to dusk in the astonishing hidden world of the garden*. Simon & Schuster.

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)

撰寫/翻譯/編修者與日期

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AskNature 原文連結

<https://asknature.org/strategy/wing-scales-help-camouflage-from-sonar/>