


生物策略表

類別	生物策略 (Strategy)
生物策略 STRATEGY	能吞下整顆蛋的顎 (Jaws swallow eggs whole)
生物系統 LIVING SYSTEM	食卵蛇屬 <i>Dasypeltis</i>
功能類別 FUNCTIONS	#獲取、吸收、或過濾生物 #改變大小/形狀/質量/體積 #防止破裂/斷裂 #Capture, absorb, or filter organisms # Modify size/shape/mass/volume # Prevent fracture/rupture
作用機制標題	於非洲發現的蛇以蛋為食，多桿連接的顎構造使牠能吞下整顆蛋 (The jaws of a snake found in Africa allow it to subsist solely on eggs, which it can swallow whole thanks to multibar linkages.)
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>「食卵蛇屬 (<i>Dasypeltis</i>) 的成員來自蛇的另一個屬，有著很不一樣的親緣關係（游蛇科而非蚺科），只吃蛋維生，牠們吞下整顆蛋後在食道中將蛋弄碎。有如蟒蛇的獵物，蛋的大小超過蛇的橫截面。蛋不會反擊，且這些食卵蛇有較輕的頭骨結構。但牠們的骨頭更加緊密的連接，優越出色的張嘴能力仰賴於顎的每一側有著三個鉸接點。」 (Vogel 2003: 401)</p> <p>“The members of another genus of snake, <i>Dasypeltis</i>, of quite a different lineage (colubrids rather than boids) eat only eggs, which they swallow whole and break in their esophagi. The eggs, like python prey, exceed the snakes' cross sections. Eggs don't fight back, and these oophagous snakes construct lighter skulls. But their bones are more firmly attached, and their impressive gape depends on a jaw with three hinge points along its length on each side (Gans 1974).” (Vogel 2003: 401)</p>	
參考文獻清單與連結 (REFERENCE LIST)	

Vogel, S. (2013). *Comparative biomechanics: life's physical world, second edition*. Princeton University Press.

延伸閱讀

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/jaws-swallow-eggs-whole/>