

生物策略表

類別	生物策略 (Strategy)
生物策略 STRATEGY	折疊有利於葉片伸展 (Folds allow efficient leaf deployment)
生物系統 LIVING SYSTEM	植物 (Plant)
功能類別 FUNCTIONS	#改變大小/形狀/質量/體積 #形狀/材料最佳化 #Modify size/shape/mass/volume #Optimize shape/materials
作用機制標題	植物透過使用不同包裹方法折疊芽體中葉片，在展開後能馬上進行光合作用，使光合作用的時間最大化 (Leaves of plants maximize time exposed for photosynthesis by using various packaging schemes to fold the large leaves within the buds so they can begin photosynthesizing upon deployment.)
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>「葉片以各種方式從芽體中展露出來，龜背芋 (cheese plant) 的葉片緊密的捲起就像完美收攏的雨傘一樣。棕櫚 (palm) 則會生產出整齊折好的葉子。大黃 (rhubarb) 又大又胖的芽體會從地面冒出並裂開，展露出被擠壓得皺起來的幼葉。蕨類 (fern) 長出卷曲得像牧杖形狀的幼芽，兩邊的複葉卷成更迷你的牧杖 (crozier) 形狀。」(Attenborough 1995: 43-45)</p> <p>“Leaves emerge from their buds in many different ways. Those of the cheese plant emerge tightly rolled, like perfectly furlled umbrellas. Palms produce theirs neatly packed in pleats. The big fat buds of rhubarb push up through the ground and burst to reveal their young leaves squashed and crumpled. Ferns send up their shoots curled in the shape of croziers with each of the side fronds curled in its own crozier-in-miniature.” (Attenborough 1995: 43-45)</p>	
參考文獻清單與連結 (REFERENCE LIST)	
Attenborough D. (1995). <i>The private life of plants</i> . BBC Books.	
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/folds-allow-efficient-leaf-deployment/>