

高中生物科野外考察課程(校內)

Senior Secondary Biology Field Study Course (Campus)



共生世界多面睇

The Symbiotic World

				THE CYTTISTS	., .	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
姓名 Name				組別 Gr	ou	p 日期 Da		ate		
學	習目標 Learn	inç	goals:							
 1. 2. 3. 4. 5. 	辨認和分類一些為	之本生,考 古	的各種關係 Desc 常見生物品種 Ide 微進行深入觀察 和資料整理工作。 Make simple scien	cribe and explain entify and classify Do comprehensive Cooperate with outlific report;	diff sc e c the	ferent types of release of the observation of the ers to carry out field	ecies in H e external eld investi	on fe	atures and behaviours o	
儀	器和工具 Equ	ıip	ment and too	ols						
1	寫字夾板 Clipboard	2	平板電腦 / 數碼相 Tablet computeres		3	雙筒望遠鏡 / 微距 Binoclulars / Mac		4	圖鑑 Pictorial guides	
5	膠袋 Plastic bags	6	培養皿 Petri dishe	es	7	剪刀 Scissors				
請 Go	I往考察位置 G 跟據考察位置咭的 o to your survey lo oking for symbiotic	提力 cat	示前往考察位置。 ions following the	在每個考察位置隊 hints of your car	付近 d.	Spot a plant at ea			尋找共生生物。 survey locations, start	
				考察位置一: Survey location 1	:		考察位置 Survey lo			
	対近植物的名稱 lame of a plant nearl	by								
	E長形態(草本/灌木/ irowth form (Herb/Sl									
	是否正值花期?或果斯 lowering? Or fruiting									
Α	百古出現咬痕、傷口、 ny occurrence of bit bnormal developme	e m	arks, wounds,							

深入觀察共生生物 Comprehensive observation of symbiotic organisms

在你們的考察位置尋找和深入觀察 2 對共生生物,完成以下表格。在可行情況下,建議現場拍攝相片和影片。 另外,你亦可收集適量樣本,利用實驗室的顯微鏡仔細觀察。

Find 2 pairs of symbiotic organisms and do comprehensive observation at your survey locations. Taking photos and video records in situ are recommended whenever possible.

Besides, you may also collect appropriate amount of samples for microscopic observation in the laboratory.

1.	第一	-對共生生物] The	1st	pair	of s	vmbiotic	organisms

涉及的生物名稱 Names of organisms involved	(i)	(ii)
各自的形態特徵和行為 Morphological features & behaviours of the organisms	(i)	(ii)
生物之間的關係概述: 哪方得益/受損/不受影響?過程? Brief description of the relationship between the organisms: Who gain benefit, be harmed or not be affected? By what means?		
共生關係類型 Type of relationship		

2. 第二對共生生物 The 2nd pair of symbiotic organisms

涉及的生物名稱 Names of organisms involved	(i)	(ii)
各自的形態特徵和行為 Morphological features & behaviours of the organisms	(i)	(ii)
生物之間的關係概述: 哪方得益/受損/不受影響?過程? Brief description of the relationship between the organisms: Who gain benefit, be harmed or not be affected? By what means?		
共生關係類型 Type of relationship		

詳細報告 A detailed report

詳細闡述和解釋兩對共生生物的關係。

Describe and explain the relationships of 2 pairs of symbiotic organisms in detail.