

展廳二

Room 2

生態地景

Landscape



景觀展廳展示谷埔的平原與溪谷地形，包括潮間帶紅樹林濕地生態、淡水沼澤景觀、淡水河溪生境，風水林及其孕育的豐富動植物等。谷埔的臨海灣地，由棄耕的水稻田逐漸轉化為鹹淡水濕地和紅樹林。溪流注入的水道在紅樹林間迂迴穿越，並利用堤防調控潮汐水位的進出。在堤防的保護下，潮汐鹹水與溪流淡水交替形成鹹淡水泥沼沙地，形成紅樹林與蘆葦相間生長的濕地景觀。這裡也是鳥類(白鷺、蒼鷺)，魚蟹(彈塗魚、圓尾鯊、招潮蟹)與昆蟲(玉帶蜻、萊灰蝶)等多元物種的棲息地。谷埔肚溪上游是大樹遮陰、溪水清澈的谷地。山潤與駁岸邊的草木林地同時孕育了諸如珀灰蝶、港油麻藤等珍貴物種。廢耕後的草地沿山麓分佈，成為退耕牛群的棲息地。

The Landscape Gallery presents the intertidal mangrove wetland ecology, freshwater marsh landscape, freshwater stream habitats, Fengshui forests, and the rich flora and fauna of Kuk Po. The bayfront of Kuk Po is gradually transformed from abandoned paddy fields to brackish freshwater wetlands and mangrove forests, with streams feeding into and meandering around. Under the dike's protection, the tidal water level is regulated, and the marsh is formed by the alternation of salt and fresh water, creating a wetland landscape where mangroves and reeds grow together. The upper valley of the Kuk Po creek breeds many valuable species. The abandoned grasslands are distributed along the foothills of the mountains and serve as a habitat for fallow cattle.

工作團隊：王維仁、田夢曉、鄭麗樺、王思琪、李若希、方詠昕
合作：Ivan Valin、岑兆基(景觀)、張名樂(鯢魚)

Team: Weijen Wang, Mengxiao Tian, Natalie Cheng, Siqi Wang, Ruoxi Li, Joyce Fong
Corporation: Ivan Valin, David Shum(Landscape), Paul Cheung(Crab Habitat)





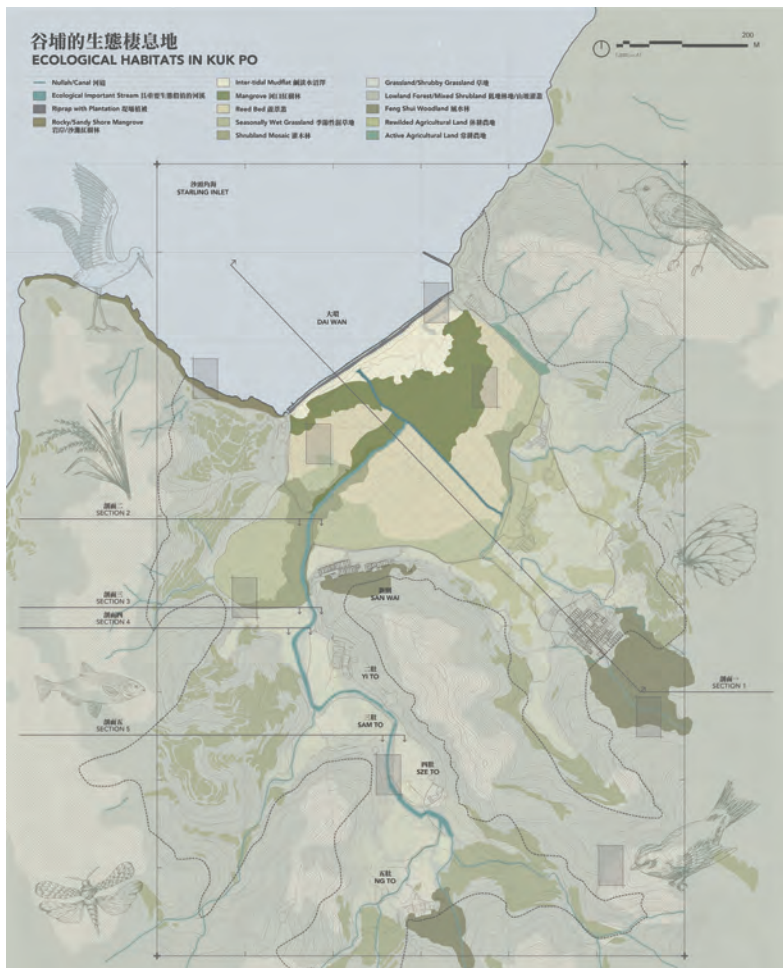
展廳二
Room 2

谷埔樣貌
Kuk Po Land-
scape

航拍
Drone shoot

Mount on
Foam board
900x900





展廳二
Room 2

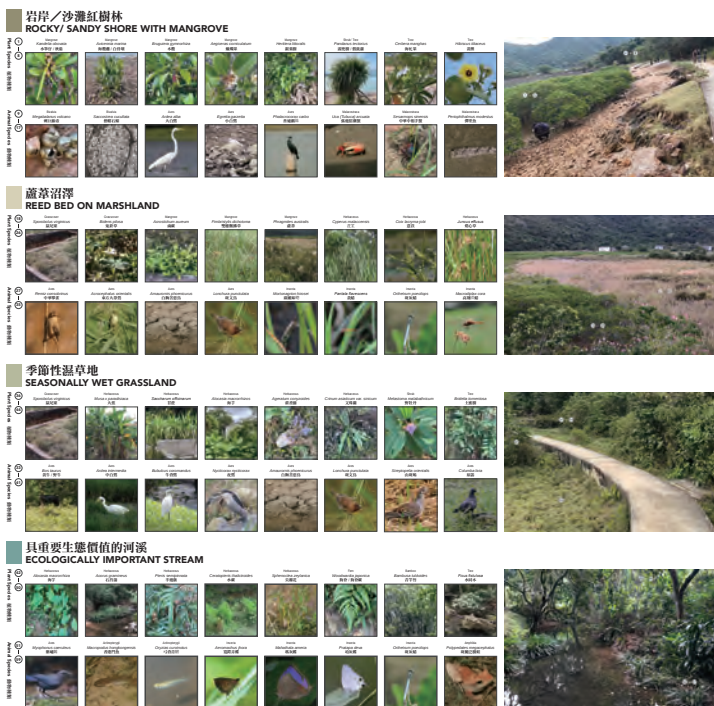
谷埔生態
棲息地
Ecological
Habitats in
Kuk Po

Mount on
Foam board
850x594

展廳二
Room 2

物種生態
Kuk Po
Species

Mount on
Foam board
850x1050



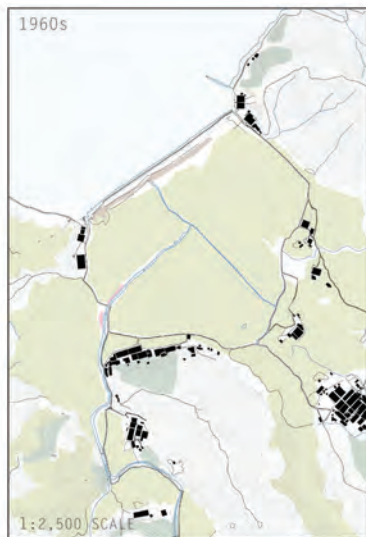


展廳二
Room 2

物種生態
Kuk Po
Species

Mount on
Foam board
850x1050





谷埔生態演變

(平面圖)

Landscape
character
evolution

(Site plan)

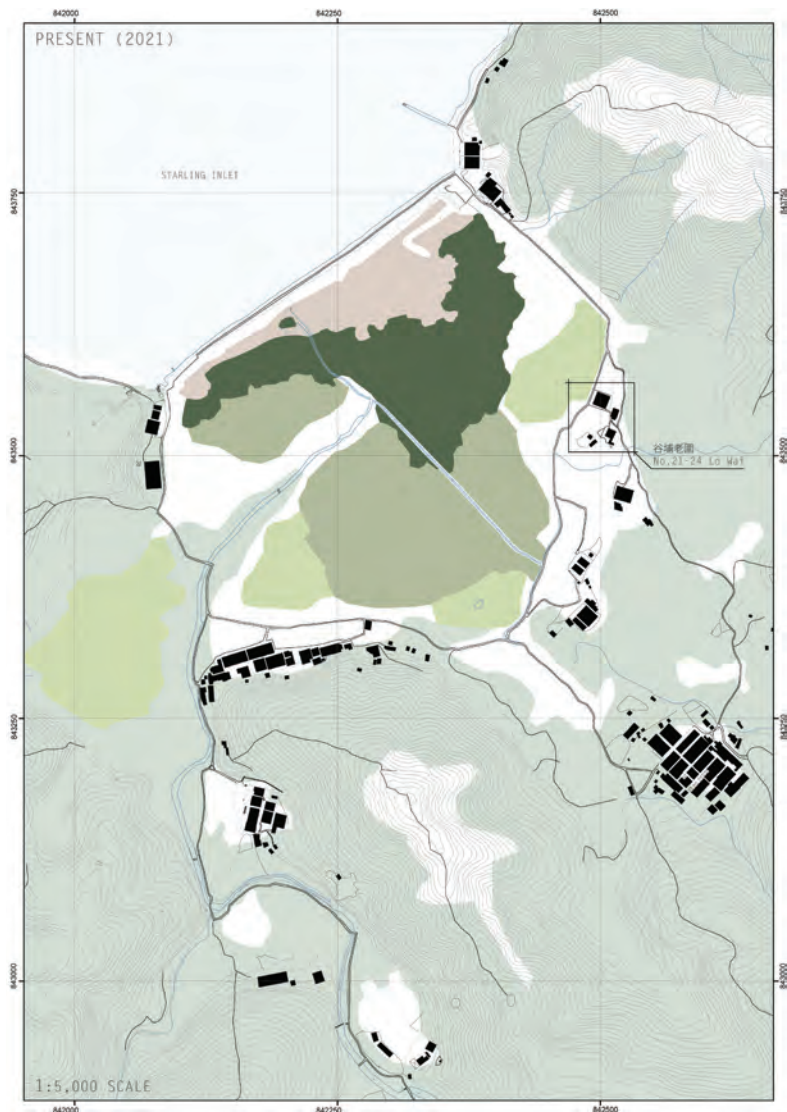
谷埔生態演變 Landscape Evolution

谷埔生態演變

(平面圖)

Landscape
character
evolution

(Site plan)



生態地景



Dai Wan
大環

Concrete Road
石堤路

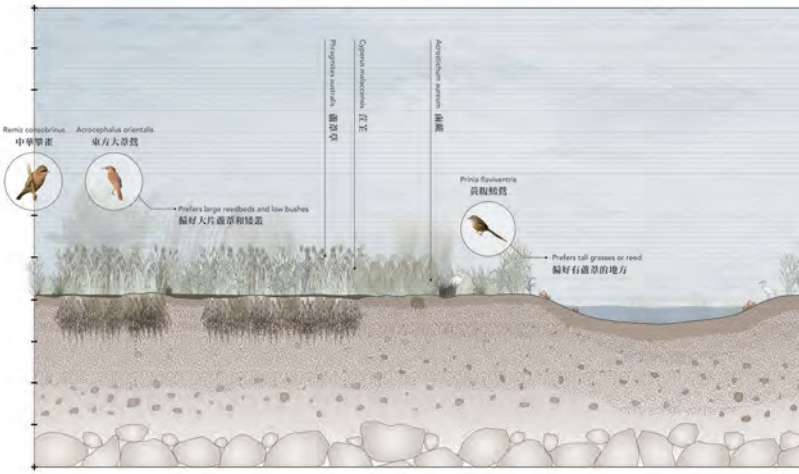
Mixed Shrubland
灌木林

Room 2

大環海旁
低地

Wetland
section

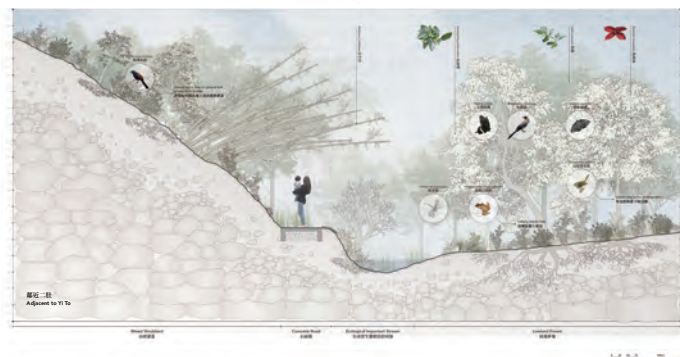
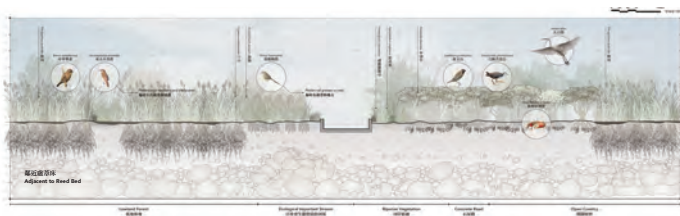
Mount on
Foam board



Mangrove Forest
红树林

Ecologically Important Stream
具有重要生態價值的河溪





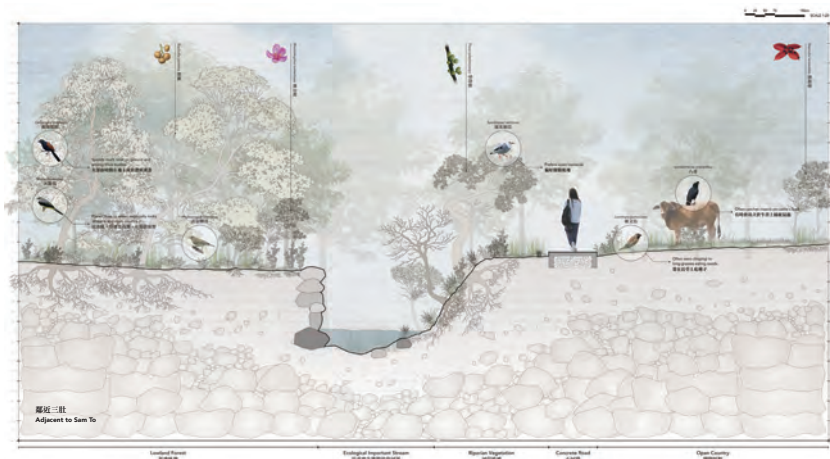
展廳二
Room 2

河溪剖面
Stream section

Mount on
Foam board
850x594

位於谷埔的天然河溪，從南面五肚流向北面的谷埔新屋下，其中約一公里的河段被鑑定為「具重要生態價值的河溪」。此河溪育有多種蜻蜓和淡水魚，亦為鳥類及具保育價值的濕地植物提供理想的生境。谷埔的天然河流深約一米，寬約一米至三米，可分為上游、中下游、下游，各有不同的生境特徵。上游的河溪地勢較陡峭，河道狹窄，淺流區水流湍急。河溪底層的主要物質為石塊、卵石或粗沙礫等，水質清澈，但一般較少生物棲息。位於中游的河溪，地勢較平穩，河道開始廣闊。由於支流開始會合，所以河水流量會增加，生物多樣性一般較上游豐富。位於下游的地勢平穩，水流緩慢而淺。河溪底層物質主要為細沙或泥，亦可見石塊卵石。由於水流比較緩慢，有助幼細泥土物質積聚，讓河岸兩旁植物生長，故在此可以找到不同品種的動植物。

In Kuk Po, there was a natural stream flowing across the area from Ng To in the south to the Kuk Po San Uk in the north. About 1 kilometre of the streamcourse was considered as an Ecologically Important Stream (EIS). The stream supports a high diversity of dragonflies and freshwater fishes, and provides a good habitat for over 100 species of butterflies and wetland plants of conservation concern. It is about 1m in depth and 1m to 3m in width. It could be roughly divided into upper, middle and lower stream, each with different habitat characteristics. In the upstream, the topography are relatively steep, with narrow channels and fast currents in the shallow areas. The river bottom comprises boulders and cobbles while outcrop of bedrock could also be seen. The water appeared to be free from pollution, yet there are limited living creatures. In the middle reaches, the terrain is relatively gentle and river channels are gradually widened. As streams start to merge, river flow is increased and hence biodiversity is much more rich than the upstream. In downstream, the river generally had slow to moderate water flow resulting from low gradient. The river bottom remains natural comprising soil, boulders and cobbles. The gentle water flow allows the accumulation of fine soil which support different species.





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Room 2

谷埔植物
Plants

Mount on
Foam board
850x1050

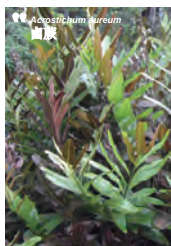
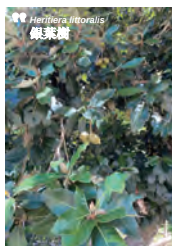




展廳二
Room 2

紅樹植物
Mangrove
Plants

Mount on
Foam board
850x1050





展廳二
Room 2

谷埔生物
Kuk Po
living thing

Mount on
Foam board
850x1050



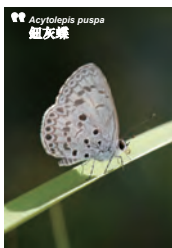
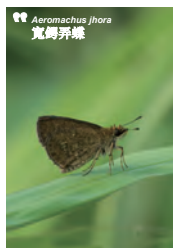
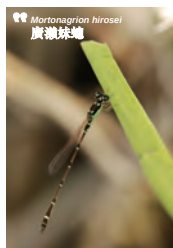


展廳二
Room 2

谷埔生物
Kuk Po
living thing

Mount on
Foam board
850x1050





展廳二
Room 2

谷埔昆蟲
Insects

Mount on
Foam board
841x1050



展廳二
Room 2

蠔魚
Crab

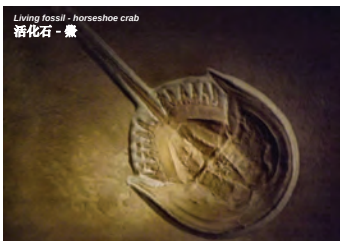
Mount on
Foam board
841x1050



Limulus spp.
中華蠔



Carcinoscorpius rotundicauda
圓尾蠔



Living fossil - horseshoe crab
活化石 - 蠔



Horseshoe crab & Us
蠔與我們



蠔小知識

北美洲現存活化石蠔，以美國、中華聯邦和紐西蘭為主要產地。而香港現存則以中華聯邦和紐西蘭為主要產地。

蠔的體長可達數厘米，體重可達數公斤。牠們通常生活在潮濕的環境中，如泥灘、沙灘、岩石縫隙等。牠們以腐爛的植物和動物殘骸為食。

牠們具有非常堅硬的甲殼和尾扇，這使牠們能夠在潮濕的環境中生存。

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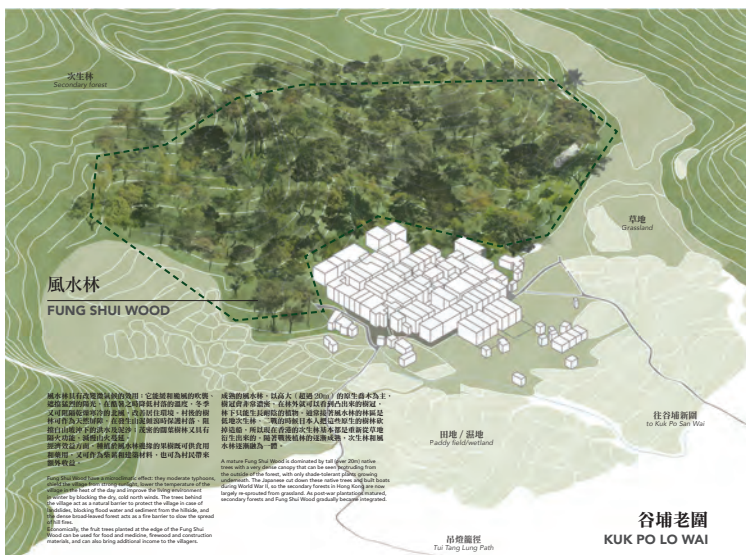
Horseshoe crab & Kuk Po
蠔與谷埔

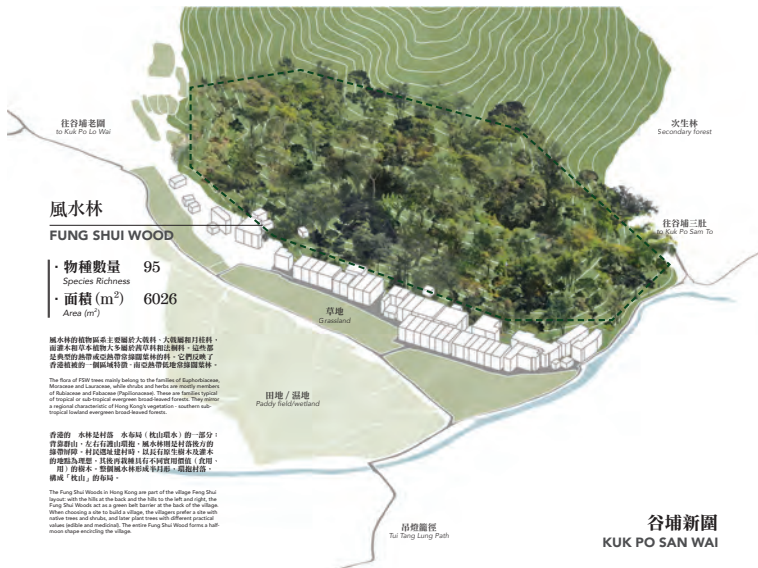


展廳二
Room 2

風水林
Fung Shui Forest

Mount on
Foam board
850x1050





展廳二 Room 2

風水林 Fung Shui Forest

Mount on
Foam board
850x1050

