

都市生態綠廊道之建立-以食草植物為基礎的蝴蝶廊道

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摘要

Zhubei City, the capital of Hsinchu County, is an alluvial plain created by Touchen Stream and Fengshan Stream. Due to the High Speed Railway Station is built at the Liouchia area in Zhubei, the ecology of the City has been changed. Although, the urban parks become the new greenbelt instead of the former agricultural landscape, the habitat is still not enough for the original organisms.

Based on the integrated view point, the Liouchia area is part of the Touchen Stream. After the urbanization, the corridor is interrupted by the buildings and the land become suitable for the creatures of the city. Those who can survive in the conversion are creatures that have the ability of aviation such as butterfly, bird...etc. Therefore, as to urban ecology, how to build a habitat similar to the original will become an important topic for study.

Fortunately, there are three waterways preserved during the urbanization. It is very helpful for the butterfly habitat since some of them will drink water during their lifecycle. Thus, how to build a better environment when landscape architects design the urban park will become the key point, especially the vegetation species selected by the designers can attract butterflies.

The research discusses on the communication between the urban parks and the whole Touchen Stream. We suggest that choosing the host plants in the watershed of Touchen Stream will be an appropriate direction to improve the butterfly habitat in the city.

關鍵字：Host plant, Butterfly, Corridor, Habitat