

科學・自然 攝影比賽 "A Shot of the Ecosystem" Photo-taking Competition

Year 2015 年度

Name 姓名: Shah Maria School 學校: S.T.F.A Yung Yau College

Information of the Photo 相片資料:

Venue (which part of the Park?) 拍攝地點 (濕地公園何處?): near butterfly garden

Time 拍攝時間: 3:15 p.m.

Description of the Photo (200-250 words) 相片之描述 (200-250 字):

Topic: A Spider Weaving Down the Tree

In this picture of golden orb web spider, it is weaving down the tree. Spider ecology is a broad topic which includes reproductive and feeding ecology, growth, dispersal, survival and their effects on the environment. Spiders are undoubtedly fascinating, despite their bad image in many people's minds and they also have an extremely valuable part of balancing the world. They help keep the number of insects under control and supply food for many other animals and therefore keep the flow of life moving. So, that is their way of interacting with the nature.

When we talk about the relationship between spiders in an ecosystem, we see they surprisingly interacting with each other in various way. For example, a golden orb spider weaves to kill its prey. In this relationship, it is benefited while the

prey is harmed. Adding on, there are possibilities for it being parasitic, commensal, or mutualistic.

The ecology of Hong Kong is mostly affected by the results of climate changes. Hong Kong is a small city, with unique ecosystem and plant and animal species. The golden orb spider in the photo is working under the bright blue sky, with scorching weather. If it can survive in the hot summer brought by the climate change, it is a perfect special creature suitable for warmer region.

As Hong Kong is becoming warmer day by day, it is an opportunity for us to see more of them around. With every aspect benefiting it, it's actually hard to find another place contributing the abundancy of the spiders than in Hong Kong.

I promise that the photo is taken in HK Wetland Park and it has not been edited by any software or mobile phone apps.

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