

重返達爾文現場 - 一個關於演化與生態的現代觀

Darwin's journey revisited - a contemporary view of evolution and ecology

Hon-Tsen (Alex) Yu

*Institute of Zoology and Department of Life Science, National Taiwan University,
Taipei, Taiwan*

達爾文的名聲起自"物種起源"一書，而他的小獵犬號環球之旅更是眾所皆知。環球之旅是一個探索之旅，開拓了達爾文的視野，讓他目睹自然界中生物的生活方式，當然也啟發他後來的思維，推導出天擇理論。百年之後，走入自然親眼觀察生物的生活，還是啟發生物學家創意的不二法門。我將從達爾文的旅途說起，導入演化與生態科學發展的脈絡，嘗試解說今天科學發展的去向。

Darwin's theory of evolution was made known by the publication of "On the Origin of Species." The idea of such was nurtured during his well-known "the Beagle expedition". The voyage of the HMS Beagle had taken Darwin to survey the mostly unexplored lands and seas across the globe and "opened" his eyes to the natural life of wild organisms.

The experiences have given him tremendous power to derive his theory of evolution. Even today to witness organisms in nature is still the most effective and fascinating experiences. I will begin with talking a few things about Darwin's Beagle expedition by which I will introduce the development of the disciplines of evolution and ecology as they are today.