

**Species on the Move:
Linking Evolutionary Ecology to
Conservation Biology in the Climate Change Era**



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Time : 2022. 04. 11 Mon. 10:00

Venue: Auditorium, 1st Floor

Interdisciplinary Research Building

跨領域科技研究大樓 1 樓演講廳

Host: Dr. John Wang 王忠信副研究員

Online Seminar 視訊演講

Abstract

Climate change is predicted to cause species to shift their geographic distributions in response to warming temperatures, leading to the rearrangement of life on Earth. In this seminar I will discuss my research testing these predictions using empirical data in mountain systems. I will describe my field studies and meta-analyses that together show how species have responded to recent warming. In particular I will emphasize that tropical and temperate zone species are responding differently to recent warming. I will then argue that a greater understanding of species interactions can help us make better predictions for how particular species will respond to warming. I will conclude by sharing my vision for a global effort to understand how montane birds are responding to climate change, based in mountainous, biodiverse Taiwan.

