

Digitizing butterflies of Singapore & Peninsular Malaysia

Contributions to the Butterflies of Southeast Asian Islands Consortium Project



PROJECT OBJECTIVES

This project aims to:

- Digitize 10,000 butterfly specimens housed in the LKCNHM Entomological collections
- Provide better access to local and regional butterfly species data.
- Includes (1) transcription of label information, (2) georeferencing of obscure localities, (3) mapping of species distributions within the region.



DATA SOURCES

Butterfly specimens housed in the Lee Kong Chian Natural History Museum Entomological Collection

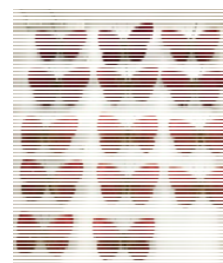


PROJECT TIMELINE

June 2019 – Apr 2020

Specimen databasing: transcription, georeferencing, imaging to be undertaken concurrently

Pilot project undertaken by museum intern in March – April 2019 has produced a feasible operational workflow.



Activity	2019								2020			
	M	J	J	A	S	O	N	D	J	F	M	A
Activity: Register and upload georeferenced butterfly collection data to GBIF												
Mandatory attendance of a project team member to the BIFA Capacity Enhancement Workshop (expenses for attending the workshop are covered by the BIFA programme)			X									
Deadline for mid-term report – 31 October 2019						X						
Mandatory milestones attached to the mid-term report:												
- Gain certification at BIFA Capacity Enhancement Workshop												
- At least one dataset has been published to GBIF.org												
Deadline for final reporting – 30 April 2020												X
Mandatory milestones attached to the final report:												
- All deliverables have been produced												
- Sustainability and next steps have been documented												

PROJECT SUSTAINABILITY

- Current museum's commitment to collection digitization
 - Investing SGD~0.5 million in a digital database to be operational within one year
 - Manpower investment in the form of providing additional part-time hires to help digitize the collection
- Estimated complete digitization of the butterfly collection (~20,000 specimens) will require 2 year's worth of manpower, sustained by support from university labs & museum
- Current project serves as standard for future digitization efforts across the entomological collection and other taxonomic groups
 - Curatorial staff relatively unfamiliar with digitization know-how
 - Sharing of GBIF standard internally to help promote best practices



THANK YOU!