



UNIVERSITY OF MALAYA

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BULLETIN OF THE MUSEUM OF ZOOLOGY



BIODIVERSITY GENOMICS LAB IN ACTION!



"I surveyed the butterfly diversity in urban parks in Shenzhen. A boy was amazed by my works & asked me teach him in collecting butterflies!
Gary Sing (PhD candidate)



"Comparison of field methods for tropical mammal diversity assessments in Ulu Gombak Forest Reserve and Kenyir Forest Reserve, Malaysia"
Lee Ping Shin (PhD candidate)

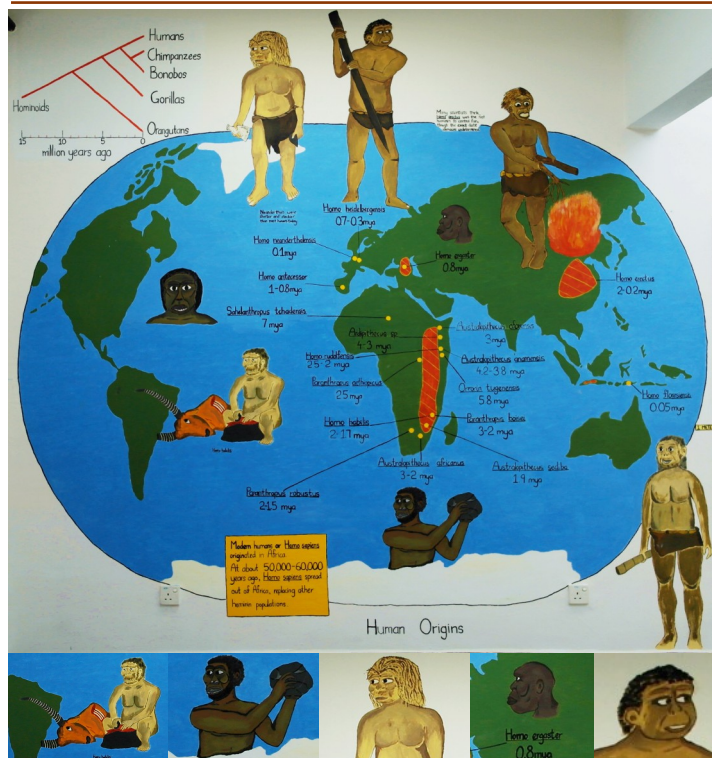


"Collecting fresh guano from bats as part of the bats' diet study is not easy as these tiny, nocturnal, flying mammals are feisty fighters."
Lim Voon Ching (Research Assistant)



"Malaise trap metabarcoding will be used to determine the seasonal activity of insects in Malaysia."
Brandon Mong (M. Sc. candidate)

NEW MURAL PAINTING!



Have you checked out the new painting at the Seminar Room, in Museum of Zoology? If you haven't done so, come and have a look!

We are all known as *Homo sapiens*. But do you know about the other hominid species such as *Sahelanthropus tchadensis*, the first hominid, or *Homo floresiensis*, the rumored pygmy? How about *Homo erectus*, who discovered fire?

Gather your friends and head to the museum now! Experience a trip back to the past and learn about the origins of human!

BIODIVERSITY SEMINAR

Evolution of biogeography of butterfly radiations in the Indo-Australian Archipelago

By: Dr. David J. Lohman,
City College of New York, City University of New York
16 April 2015

Dr. David shared his findings on Indo–Australian butterflies such as their distribution in the region with the enthusiastic audience.



COLLECTIONS UPDATE

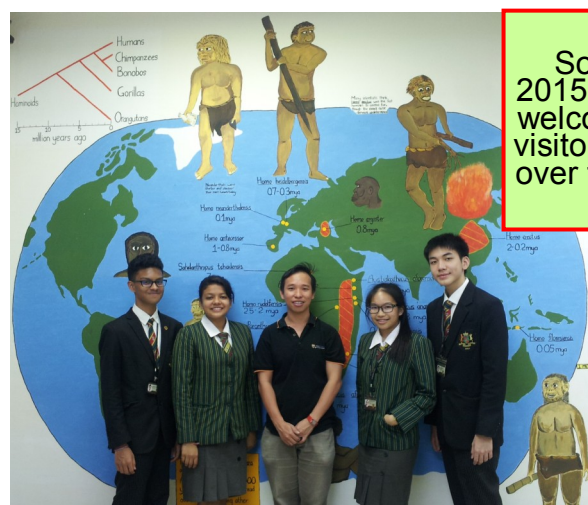
Catalogues for the insect orders:

- ⇒ Isoptera
- ⇒ Neuroptera
- ⇒ Phasmatodea
- ⇒ Mantodea
- ⇒ Coleoptera

are now available online at our website.

Please do not hesitate to get in touch with us for more enquiries.

VISITORS



So far for 2015, we have welcomed 152 visitors from all over the world!

On 6th of July 2015, the Museum of Zoology was visited by students from Cempaka International School.

RECENT PUBLICATIONS

Recent publications from the museum's students and staff

Azrizal-Wahid N, Sofian-Azirun M, Rizman-Idid M. (2015). **A review on morphological characterization, variation and distribution pattern of *Eurema* butterflies of Peninsular Malaysia.** Journal of Biodiversity and Environmental Sciences (JBES) 6 (3):359-372.

Syaripuddin K, Sing KW, Wilson JJ. (2015). **Comparison of butterflies, bats and beetles as bioindicators based on four key criteria and DNA barcodes.** Tropical Conservation Science 8(1): 138-149.

Mohd-Zain SN, Kamil KAAS, Braima KA, Abdul-Aziz NM, Wilson JJ, Sithambaran P, Jeffery J. (2015). **Ectoparasites of murids in peninsular Malaysia and their associated diseases.** Parasites & Vectors 8: 254.

Wong MM, Lim CL, Wilson JJ. (2015) **DNA barcoding implicates 23 species and four orders as potential pollinators of Chinese knotweed (*Persicaria chinensis*) in Peninsular Malaysia.** Bulletin of Entomological Research: Online Early.

Lee PS, Sing KW, Wilson JJ. (2015). **Reading mammal diversity from flies: the persistence period of amplifiable mammal mtDNA in blowfly guts (*Chrysomya megacephala*) and a new DNA mini-barcode target.** PLOS ONE 10(4): e0123871

Muslimin M, Wilson JJ, Amir-Ridhwan MG, Kamil-Ali BO, Jeffery J, Wan-Nor F, Alaa-Eldin ME, Mohd-Zin SW, Wan-Yusoff WS, Norma-Rashid Y, Lau YL, Rohela M, Abdul-Aziz NM. (2015). **First report of brown widow spider sightings in peninsular Malaysia and notes on its global distribution.** Journal of Venomous Animals and Toxins including Tropical Diseases 21: 11.

Lopez-Lopez A, Azidah AA, Jose G. (2015). **Molecular phylogeny and divergence time estimation of *Cosmodela* (Coleoptera: Carabidae: Cicindelinae) tiger beetle species from Southeast Asia.** Zoologica Scripta doi:10.1111/zsc.12113.