

Faculty of Resource Science & Technology

# e-Newsletter RLL

### Special points of interest:

- Visitors from Sarawak Museum Department
- Butterflies of Real Living Lab, UNIMAS
- Field trip for STH2114 Field Ecology

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## Visitors from Sarawak Museum Department 22 February 2022



Working visit of Sarawak Museum Department, led by the Deputy Director, Pn Dayang Morzanah Binti Awang Haddy



Enjoy the walk around the lovely trail at RLL

# Something exciting is on the way....

Look out for our next issue in Dec 2022



# Research @ RLL: Butterflies of Real Living Lab, UNIMAS

*Tay Yu Liang and Ratnawati Hazali*

A study that aims to document the species composition of fruit-feeding butterflies (Nymphalidae) was conducted in the peat swamp forest of Real Living Lab, UNIMAS. Samplings were conducted from February to March 2022, by using baited traps. A total of 36 species of butterflies from 18 genera, representing four subfamilies including Charaxinae, Morphinae, Nymphalinae and Satyrinae, were documented. The subfamily Nymphalinae with 13 species represented the most speciose subfamily recorded.



*Prothoe franck borneensis* (Blue Begum)



*Zeuxidia doubledayi horsfieldii*  
(Scarce Saturn)



*Thaumantis klugius lucipor*  
(Dark Blue Jungle Glory)



*Xanthotaenia busiris burra* (Yellow Bared)



*Mycalesis anapita fucentia*  
(Common Bush Orange)



*Faunis stomphax stomphax* (Banded Faun)



*Athyma nefte subrata* (Colour Sergeant)



*Discophora necho cheops* (Great Duffèr)



*Melanitis leda leda* (Common Evening Brown)



*Lexias dirtea chalcenoides*  
(Black Tipped Archduke)



*Elymnias nesaea hyperides* (Tiger  
Palmfly)



*Lexias pardalis dirteana* (Archduke)

# Teaching & Learning Activities @ RLL

## STH2114 Field Ecology Course (20 – 23 May 2022)

Dr. Jeffrine Rovie Ryan Japning

This field survey was conducted as one of the components of teaching and learning of the STH2114 Field Ecology Course. During the survey, students were exposed to the various field methods and exercises in ecology involving 5 animal taxa including mammals, birds, herpetofauna, invertebrates, and fish. A total of 62 students of the 2<sup>nd</sup> year undergraduates of the Animal Resource Science and Management Programme were involved, accompanied by 5 lecturers and 8 technical staffs. By the end of the course, students are expected to be able to integrate various sampling techniques for investigation of biodiversity, ecological patterns, and process; and interpret the data and share the findings to relevant stakeholders.



Harp trap



Camera trap



Pitfall trap



Baited trap



Identification and mounting of insect specimens



Mounted insects' specimens

## Teaching & Learning Activities @ RLL



Identification and data collection for birds



White-rumped shrike (*Copsychus malabaricus*)



Brooke's squirrel (*Sundasciurus brookei*)



Skink (*Sphenomorphus variegatus*)



Brown marsh frog (*Pulchrana baramica*)