

AMELIA JOYCE PHILIP

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RESEARCH OBJECTIVE

I have more than 3 years research experience in entomology (ant study) related to habitat changes. I am seeking a postgraduate position or internship where I can maximize my knowledge and strengthen my research experience.

EDUCATION

- 2015-2018 **MSc. Degree (Ecological Processes)**
Institute for Tropical Biology and Conservation,
Universiti Malaysia Sabah (Sabah, Malaysia)
- Research title:** The effects of logging, forest fragmentation and conversion to oil palm plantation on vertical stratification of ant communities.
Two-year research based master's degree. Involving field work in highly challenging terrain (heavily logged forest) at the Stability of Altered Forest Ecosystems (SAFE) project, collection of ants using fogging and leaf litter sampling methods, identification of ants to genus and species level, community statistical analyses (ANOVAs, ordinations).
- 2011-2014 **BSc. Degree (Hons) (Conservation Biology)**
Universiti Malaysia Sabah (Sabah, Malaysia)
- CGPA:** 3.64; **Class** 2.1 -**Courses:** Ecology, diversity (microbial, animal and plant), population biology, entomology, systematic, genetic conservation. Minored in nature park management, nature tourism and canopy biology.
- Research title:** Impacts of secondary forest fragmentation to the leaf litter and canopy ant communities in Kalabakan, Tawau, Sabah.
Smaller scale version of eventual master's project, involving fieldwork at the SAFE project, and laboratory-based identification of ants.
- Awards**
Award of Excellence -for four consecutive semesters
Semester 1 2012/2013 to semester 2 2013/14
- 2010-2011 **Foundation in Science and Technology**
Preparatory Centre of Science and Technology,
Universiti Malaysia Sabah (Sabah, Malaysia)
- CGPA:** 3.36. **Courses:** Basic biology (genetics), physics (electricity, magnetic and modern physics), chemistry (organic and inorganic), and mathematics.
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- EXPERIENCE**
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- Sep 2018-present **Project Coordinator-** Borneo Eco Film Festival (Kota Kinabalu, Sabah)
Assisted Borneo Eco Film Festivals' crew before, during and after festival
Collaborated with UNICEF Malaysia and give free environmental talks and workshop to secondary school students within Kota Kinabalu, Sabah
Coordinated monthly schedule for local filmmaking workshop
- Mar 2017-May 2017 **Part Time Lab Demonstrator-** Universiti Malaysia Sabah (Kota Kinabalu, Sabah)
Oct 2016-Dec 2016 Subject handled: Animal Diversity. Teaching scope: Discussion on animals' anatomy and physiology from sponges to mammals, through drawing, dissecting and labelling process using fresh and/or prepared slides.

Apr 2016-May 2016	Part Time Lab Demonstrator - Universiti Malaysia Sabah (Kota Kinabalu, Sabah) Subject handled: Systematics (Insect). Teaching scope: Demonstrated sampling and collection techniques to students; guided them on how to use dichotomous key for species identification and assisted them in pinning and mounting specimens.
Jul 2014-Sept 2014	Internship Student – Sabah Foundation (Danum Valley Conservation Area, Lahad Datu, Sabah) Recorded and organized phenology data every month for monitoring and report purposes Designed and put up danger signs at concerned areas Appointed as short-term research assistant to several researchers at the field centre Facilitate in administration work

COURSES

2017	Tropical Biology Association Field Course in Tropical Ecology and Conservation by Tropical Biology Association
2016	Newton Ungku-Omar Early Career Researcher Workshop on Oil Palm by Durrell Institute of Conservation and Ecology (DICE), University of Kent
2016	Forest Ecosystem Assessment by SEnSOR, South East Asia Rainforest Research (SEARRP)
2015	Tropical Biology Field Course by James Cook University
2014	Tropical Biology Field Course by Leiden University

CONFERENCES

Attendee

June 2015	International Conference on Rainforest Ecology and Conservation by Sabah Foundation, Kota Kinabalu, Sabah
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Poster Presenter

Jun 2014	Regional Conference on Protected Area and Biodiversity Management in South East Asia by Sabah Foundation, Kota Kinabalu Sabah
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Oral Presenter

Nov 2015	International Conference on Biodiversity (ICB) by Universiti Tun Hussein Onn Malaysia
Dec 2016	8 th Postgraduate Symposium 2016 by Institute for Tropical Biology and Conservation, Universiti Malaysia Sabah
Dec 2017	9 th Postgraduate Symposium 2017 by Institute for Tropical Biology and Conservation, Universiti Malaysia Sabah
Dec 2017	Entomology Postgraduate Symposium (ENTOPOST) by Universiti Tun Hussein Onn Malaysia

PUBLICATION

Philip, A. J., Fayle, T. M., and Yusah, K. M. 2018. Selectively Logging Old Growth Rain Forest Twice Changes Canopy Ant Species Composition, While Conversion to Oil Palm Changes Composition and Reduces Species Richness and Diversity. *Journal of Tropical Biology and Conservation*, 15:139-154.

PROJECT

Co-founder of Borneo Blue Conservancy (now known as Borneo Blue), a non-profit organisation led by youth to raise environmental awareness among public and communities residing at coastal areas. This organisation was founded in 2017 and currently active in doing free environmental talks and beach clean-up within Kota Kinabalu, Sabah.

ALUMNI

Alumni of YSEALI (Young Southeast Asian Leaders Initiative) since 2017. YSEALI is a platform to build leadership skills and inspire cooperation among youth in Southeast Asia. Through student exchange and workshops, participants and alumni would have the opportunity to share ideas and conduct a project related to environmental issues in Southeast Asia.

SOFTWARE SKILLS

Microsoft office

Excellent

R-software

Intermediate

LANGUAGES

Malay

Native speaker

English

Proficient user

Mandarin

Basic user

Korean

Basic user

ADDITIONAL ACTIVITIES (VOLUNTEERS)

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| 2018-present | • Volunteer of TRASH HERO BORNEO. Trash Hero Borneo is a dedicated non-profit organisation aims to reduce trash problem especially at coastal area through consistent beach clean-up, environmental talks and workshop throughout Sabah. |
| 2017 | • Attended one-week BORNEO ECO WARRIOR workshop for young leaders in sustainability and developed an effective action agenda aims to cope with environmental issues at local areas. This workshop was supported by YSEALI (Young South East Asian Leaders Initiative-Seeds for the Future). |
| 2015-present | • Member of Raleigh Sabah Society. Successfully organized few beach clean-up activities at Marine Park and beaches within Kota Kinabalu city, participated in International beach clean-up, and collaborated with petroleum operating company for clean water awareness activity. |
| | • Voluntary Guardian of Kota Kinabalu Wetlands Centre (KKWC). Responsible for helping out and support any activities conducted by KKWC, with minimum 10 hours spent in the centre annually. Participated in bird counting activity for World Migratory Bird Day, water quality monitoring, seed planting, mangrove clean-up and several nursery works. |
| 2013 | • One-month research assistant for 'Preferences in Seed Dispersal' research at SAFE Project, Kalabakan Tawau Sabah (Imperial College London). Responsible in setting up the trap and conveyed them from one site to another. |
| 2012 | • Research assistant for 'Diversity of Ferns and Ferns Allies' research at Mount. Alab, Tambunan, Sabah (Universiti Malaysia Sabah). Responsible for plot setup and collecting the specimens. |
| | • Research assistant for Aquatic and Termites research at Maliau Basin Conservation Area (Universiti Malaysia Sabah). Participated in monitoring the river's quality by using Hanna instruments and collecting the specimens (aquatic insects and termites). |

REFEREES

Dr. Kalsum Mohd. Yusah
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