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Education and Trainings

10.2015–10.2017 **Ludwig-Maximilians-Universität München, Germany**
Master of Science (M. Sc.) in Evolution, Ecology, and Systematics
- Grade: 1,47 (120 ECTS, ~4,00 in GPA)
- Thesis written in an external project with Salford University UK under supervision of Evolutionary Biology research group, titled "The effect of habitat fragmentation on the phylogenetic diversity and structure of neotropical bat assemblages", grade: 1,3 (28 ECTS, ~4,00 in GPA)

08.2010–10.2014 **Sekolah Ilmu dan Teknologi Hayati, Institut Teknologi Bandung, Indonesia**
Bachelor of Science (S. Si.) in Biology, Distinction Cum Laude
- GPA: 3,89/4,00 (146 credits)
- Thesis written in the Ecology and Biosystematic research group, titled "Keanekaragaman Kelelawar di Stasiun Penelitian Pungut dan Kontribusinya terhadap Siberut" (*Bat Species Diversity in Pungut Field Station and its Contribution to Siberut*)

Work Experiences

05.2018–ongoing **Biodiverskripsi Project Coordinator**
Tambora Muda Indonesia, Bogor. Website: https://www.gbif.org/project/lbJtcnYiuykmyWWQWI4I2/the-biodiversity-theses-database
- Planning mobilization of biodiversity data from student theses according to international standard
- Managing project team to deliver task according to project timeline

04.2018–10.2018 **Government Contractor**
Indonesian Biodiversity Information Facility (InaBIF), Research Center for Biology, Cibinong Science Center (CSC), Bogor. Website: inabif.lipi.go.id
- Assisted researchers to do biodiversity data publication
- Reported data digitalization and publishing process to InaBIF node manager

10.2010–ongoing **Trainer for Indonesian International Biology Team (TOBI)**
Kementrian Pendidikan dan Kebudayaan (Ministry of Education and Culture) and Institut Teknologi Bandung. Website: www.tobi.or.id
- Designing practical and theoretical courses in Evolution and Ecology (equal to undergraduate curriculum)
- Providing mentoring and consultation on studying method and academic progress for the team in training

05.2016–07.2016 **Student Assistant**
IndoBiosys, Zoologische Staatsammlung München, Germany. Website: www.indobiosys.org
- Logged target taxa according to IndoBiosys discovery pipeline
- Assisted in the curation of Hymenoptera collection captured from Indonesia and Germany

07.2015–08.2015 **Field Assistant**

Zoological Society of London (ZSL). Website: www.zsl.org
- Arranged transportation and accommodation for a preliminary survey on the study of cultural change and subsistence hunting in the settlements along Cyclops Mountains, Papua, Indonesia
- Assisted language translation on community interview to assess the conservation status of large vertebrates in Cyclops Mountains

07.2014–07.2014   **Scientific Assistant for 25th International Biology Olympiad**

Kementrian Pendidikan dan Kebudayaan (Ministry of Education and Culture) and Institut Teknologi Bandung. Website: www.ibo2014.org
- Assisted grading process of the Ecology and Ethology practical test
- Wrote IBO activity report for international assessment

Research Experiences

10.2017–12.2017   **Detecting isolation by distance in the intraspecific genetic diversity of Holarctic mammals from the Late Quaternary**, a part of postdoc research of Alexander Flórez-Rodríguez, Center for Macroecology, Evolution, and Climate, University of Copenhagen, Denmark
- Trained in spatial population genetics analysis for ancient DNA
- Drafted analytical method for detecting isolation by distance using mitochondrial DNA of Holarctic mammals
- Conveyed research training results in written report

03.2017–08.2017   **The effect of habitat fragmentation on the phylogenetic diversity and structure of neotropical bat assemblages**, a part of BDFFP bat data set research with Dr. Christoph Meyer, School of Environment and Life Sciences, Salford University, Salford, UK
- Conducted an exploratory data analysis on a three-year bat capture data set of Biological Dynamics of Forest Fragments
- Maintained long-distance reporting of data analysis

02.2016–09.2016   **Estimating *Drosophila suzukii* Matsumura (Diptera: Drosophilidae) population dynamic in a seasonal environment using population projection matrix**, a part of PhD research of Ferdinand Pfab, Department of Mathematics, University of Trento, Trento, Italy
- Collated data of population growth *Drosophila suzukii*
- Designed a population projection matrix for Drosophila suzukii using Mathematica for its simulation throughout seasons

04.2015–02.2016   **Phylogenetics and trait evolution of the mega-diverse genus *Crotalaria* L. (Fabaceae)**, a part of PhD research of Alexander Rockinger Institute of Systematic Botany and Mycology, Ludwig-Maximilians-Universität, München, Germany
- Sequenced herbarium specimen using Sanger sequencing method to add sequence data for the phylogeny
- Collated leaf traits and climate data from the sequenced specimen
- Conducted phylogenetic analysis using RaXML

03.2013–06.2013   **Life Table Analysis of Javan Slow Loris (*Nycticebus javanicus*) at Masigit Kareumbi Hunting Park, West Java**, original research funded by Program Kreativitas Mahasiswa 2013 (Student Creativity Programme grant from Ministry of Education of Indonesia)
- Organized a team of six people for weekly nocturnal field observation of javan slow-lorises in the hunting park for occurrence and age estimation
- Documented the spatial and temporal occurrences of the slow lorises

Organizational Experiences

12.2015–on going	**Head of Member Capacity Building**, Tambora, Indonesian Young Conservationists Network. Website: http://www.tamboramuda.org/ ▪ Organize a system to maintain the dissemination of conservation-related information to Tambora members. ▪ Coordinate a system of mentoring and peer review for Tambora members.

Skills

Mother tongues Indonesian, Javanese

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1
	IELTS. Overall band score 8.				
German	A2	A2	A2	A2	A2
	Self-Assessment				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Field skills
- familiar with basic terrestrial navigation
- familiar with basic social survey for conservation studies
- experienced with survey and sampling techniques for biodiversity assessment

Computer skills
- Proficient with Microsoft Word, PowerPoint, Excel, and Corel Draw X7
- Fluent with R for univariate and multivariate analysis, spatial analysis, data visualization, and data wrangling
- Good command of remote sensing software (QGIS, ArcGIS, and ERDAS) and basic navigation software (BaseCamp)
- Familiar with biodiversity analysis tools, i.e. EstimateS 9.1.0, MaxEnt

Additional Information

Oral Publication
- "An insight about species turnover from bat species records on Siberut Islands, Indonesia" at iDigBio Workshop, Island Biology 2016, 18-22th July 2016

Honours and awards
- Awardee of Indonesian Endowment Fund of Education (LPDP), First Period of 2015, Batch 34

References

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